

CLASSIFIED INDEX VOLS. 26-40 (A and B)

This 15-volume cumulative index is based upon the Physics and Astronomy Classification Scheme (PACS) - 1978. The shortened version given on the left has been considered sufficient for the present listings since it reflects closely the coverage of Applied Physics (Appl. Phys.) A and B in the volume 26 to 40. Of course, not all numbers can be found, but due to the PACS hierarchy the subject of a paper under consideration can be estimated.

In the subject index (first part) each paper is listed under the appropriate heading, according to the authors' selection of the major PACS number. Cross references may be inferred from the other PACS numbers listed, too. The author index (second part) is presented in tabular form. The names are listed in alphabetical order in the first column. The second column gives the first author of the respective paper, and the third column the bibliographic data in full. The fourth column states the major PACS number for cross reference with the subject index (first part).

GENERAL

02 MATHEMATICAL METHODS IN PHYSICS

- Mey G.de:
Contact versus bulk noise in resistive layers.
Appl. Phys. A 36, 183-187 (1985) PACS:02.00 72.20 72.70
- Pollock C.R., Jennings D.A.:
High power CW laser operation using (F+2)A color centers.
Appl. Phys. B 28, 308-309 (1982) PACS: 42.70 61.70
- Shakir S.A., Turner A.F.:
Method of poles for multilayer thin-film waveguides.
Appl. Phys. A 29, 151-155 (1982) PACS:02.00 42.10
- Tarumi K., Noro Y.:
A theoretical analysis of modulation noise and DC erased noise in magnetic recording.
Appl. Phys. A 28, 235-240 (1982) PACS:02.50 07.55 41.10 75.90

05 STATISTICAL PHYSICS AND THERMODYNAMICS

- Beben J., Kleint Ch., Meclowski R.:
Field-emission flicker noise from potassium adsorbed on W(111) bounded and unbounded surface diffusion by spectral analysis.
Appl. Phys. A 40, 79-84 (1986) PACS:05.40 82.65 68.90 73.90
- Harwalke V., Bohidar H., Chopra S.:
Theoretical and experimental investigations of light scattered from a rotating ground glass.
Appl. Phys. B 31, 215-220 (1983) PACS:05.00 42.10

06 MEASUREMENT SCIENCE AND METROLOGY

- Cannon B.D., Whitaker T.J.:
A new laser concept for isotopically selective analysis of noble gases.
Appl. Phys. B 38, 57-64 (1985) PACS:06.00 32.00
- Daniel H.-U., Maurer B., Steiner M.:
A broadband Schottky point contact mixer for visible laser light and microwave harmonics.
Appl. Phys. B 30, 189-193 (1983) PACS:06.30 42.65 73.30
- Daniel H.-U., Steiner M., Walther H.:
Measurement of frequency differences between visible laser lines up to 170 GHz using metal-insulator-metal point contact diodes.
Appl. Phys. B 26, 19-21 (1981) PACS:06.30 07.62 73.40
- Drever R.W.P., Hall J.L., Kowalski F.V., Hough J., Ford G.M., Munley A.J., Ward H.:
Laser phase and frequency stabilization using an optical resonator.
Appl. Phys. B 31, 97-105 (1983) PACS:06.00 07.60 07.65
- Hamilton D.K., Wilson T.:
Three-dimensional surface measurements using the confocal scanning microscope.
Appl. Phys. B 27, 211-213 (1982) PACS:06.00 42.80
- Hough J., Hills D., Rayman M.D., Ma L.-S., Hollberg L., Hall J.L.:
Dye-laser frequency stabilization using optical resonators.
Appl. Phys. B 33, 179-185 (1984) PACS:06.00 07.60 42.60
- Illingworth R., Ruddock I.S.:
The analysis of excite and probe measurements of relaxation times with fluctuating pulse duration.
Appl. Phys. B 29, 135-138 (1982) PACS:06.00 42.80

- Inguscio M., Ioli N., Moretti A., Strumia F., D'Amato F.:
Heterodyne of optically pumped FIR molecular lasers and direct frequency measurement of new lines.
Appl. Phys. B 40, 165-169 (1986) PACS:06.00 35.00 42.60
- Janszky J., Corradi G., Gyuzalian R.N.:
Tilted-pulse second-harmonic beam analysis for femtosecond to subnanosecond laser pulse-duration measurements.
Appl. Phys. B 33, 79-82 (1984) PACS:06.60 42.65
- Jitschin W.:
Locking the laser frequency to an atomic transition.
Appl. Phys. B 33, 7-8 (1984) PACS:06.70 32.80 42.60
- Kane D.M., Bramwell S.R., Ferguson A.I.:
FM dye lasers.
Appl. Phys. B 39, 171-178 (1986) PACS:06.00 42.60
- Morimoto J., Kida T., Miyakawa T.:
Multi-exponential analysis of DLTS.
Appl. Phys. A 39, 197-202 (1986) PACS:06.50 71.55 72.20
- Nakata H., Otsuka E.:
Multichannel time-resolved measurement in far-infrared magnetoabsorption.
Appl. Phys. B 27, 207-209 (1982) PACS:06.50 06.60 78.20
- She C.Y., Kelley R.F.:
Photon-burst correlation techniques for atmospheric crosswind measurements.
Appl. Phys. B 33, 195-204 (1984) PACS:06.30 42.20 42.68
- Spieweck F.:
A tunable frequency stabilized Ar⁺ laser.
Appl. Phys. B 29, 99-100 (1982) PACS:06.20 42.55 42.60
- Weiss C.O.:
Frequency measurement chain to 30 THz using FIR Schottky diodes and a submillimeter backward wave oscillator.
Appl. Phys. B 34, 63-67 (1984) PACS:06.00 07.60 42.60
- Zinth W.:
Influence of fluctuating pulse durations on the time resolution of probing experiments.
Appl. Phys. B 26, 213-216 (1981) PACS:06.00 42.80

07 SPECIFIC INSTRUMENTATION AND TECHNIQUES

- Adams H., Reinert D., Kalkert P., Urban W.:
A differential detection scheme for Faraday rotation spectroscopy with a color center laser.
Appl. Phys. B 34, 179-185 (1984) PACS:07.00 33.00 35.00
- Egger H., Hofmann W., Kalus J.:
Test eines hochauflösenden Monochromators für Röntgenstrahlen.
Appl. Phys. A 35, 41-45 (1984) PACS:07.00
- Suzuki T., Fukasawa T., Sekiguchi H., Kasuya T.:
Detection of the optogalvanic effect in flames with a microwave resonant cavity.
Appl. Phys. B 39, 247-250 (1986) PACS:07.00 62.00 52.00 36.00
- Taira Y., Suzuki T., Kato H., Konishi N., Kasuya T.:
Time domain measuring system of molecular fluorescence with real-time monitor and control of pulsed dye laser.
Appl. Phys. B 27, 161-165 (1982) PACS:07.45 07.60 42.60

07.60 Optical instruments and techniques

- Castell R., Demtröder W., Fischer A., Kullmer R., Weickenmeier H., Wickert K.:
The accuracy of laser wavelength meters.
Appl. Phys. B 38, 1-10 (1985) PACS:07.60 07.65
- Falco C., Botineau J., Azema A., Micheli M.de, Ostrowsky D.B.:
Optical properties determination at 10.6 μ m of thin semiconductor layers.
Appl. Phys. A 30, 23-26 (1983) PACS:07.60 42.80
- Kaiser J.H., Kranz J.:
Ellipsometric measurement of magneto-optical nonreciprocal effects.
Appl. Phys. B 39, 15-18 (1986) PACS:07.60 78.20 42.60
- Mont n S., Svanberg S.:
A system for industrial surface monitoring utilizing laser-induced fluorescence.
Appl. Phys. B 38, 241-247 (1985) PACS:07.60 07.65
- Robertson N.A., Hoggan S., Mangan J.B., Hough J.:
Intensity stabilisation of an argon laser using an electro-optic modulator: Performance and limitations.
Appl. Phys. B 39, 149-153 (1986) PACS:07.60 42.60
- Roskos M., Robl T., Seilmeier A.:
Pulse shortening to 25 ps in a CW mode-locked Nd:YAG laser by introducing an intracavity etalon.
Appl. Phys. B 40, 59-65 (1986) PACS:07.60 42.55 42.60
- Rotman S.R., Roxlo C., Bebelar D., Yee T.K., Salour M.M.:
Generation, stabilization, and amplification of subpicosecond pulses.
Appl. Phys. B 28, 319-326 (1982) PACS:07.60 07.75 42.60
- Vikram C.S.:
Analysis of Young's fringes in speckle photography: Generalized square imaging aperture.
Appl. Phys. B 31, 221-224 (1983) PACS:07.60 06.30

07.62 Detection of radiation

- Lakhtakia M.N., Lakhtakia A.:
On some relations for the inverse blackbody radiation problem.
Appl. Phys. B 39, 191-193 (1986) PACS:07.62 96.60 02.30
- Seguin H.J.J., Seguin V.A., Dow J., Nath A.K.:
A new calorimeter for intense laser radiation.
Appl. Phys. B 33, 239-241 (1984) PACS:07.62
- Staerk H., Mitzkus R., Meyer H., Weller A.:
Picosecond streak camera performance in studies of exciplex formation dynamics.
Appl. Phys. B 30, 153-156 (1983) PACS:07.62 82.50

07.65 Optical spectroscopy and spectrometers

- Aminoff C.G., Javanainen J., Kaivola M.:
Velocity selective optical pumping in sodium. A study of velocity-changing collisions.
Appl. Phys. B 28, 192-193 (1982) PACS:07.65
- Balykin V.I., Letokhov V.S., Minogin V.G.:
On the possibility of highly selective detection of rare isotopic atoms by means of resonant laser light pressure.
Appl. Phys. B 33, 247-251 (1984) PACS:07.65 32.00
- Berman P.R.:
Collision kernels and laser spectroscopy.
Appl. Phys. B 28, 190 (1982) PACS:07.65
- Bjorklund G.C., Levenson M.D., Lenth W., Ortiz C.:
Frequency modulation (FM) spectroscopy.
Appl. Phys. B 32, 145-152 (1983) PACS:07.65
- Burde G.L., Lee Chi H.:
Characterization of sideband emission generated by near resonant radiation in sodium vapor.
Appl. Phys. B 28, 197 (1982) PACS:07.65
- Cassidy D.T., Reid J.:
Harmonic detection with tunable diode lasers. Two-tone modulation.
Appl. Phys. B 29, 279-285 (1982) PACS:07.65 42.80
- Countandin J., Werth G.:
Trapping of ions from high energy sources into a radiofrequency ion trap.
Appl. Phys. B 29, 89-92 (1982) PACS:07.65
- Grischkowsky D., Yu M.L., Balant A.C.:
Measured velocity distributions of sputtered Ba atoms in metastable excited states.
Appl. Phys. B 28, 193-194 (1982) PACS:07.65
- Hartung C., Jurgelt R.:
Optimization of the optothermal detector for absorption spectroscopy in the low pressure range.
Appl. Phys. B 27, 39-42 (1982) PACS:07.65 35.00
- Jones P.L., Heftner U., Gaubatz U., Bergmann K., Wellegehausen B.:
An optically pumped Na²-supersonic beam laser.
Appl. Phys. B 28, 196 (1982) PACS:07.65
- Korpiun P., Buchner B.:
On the thermodynamics of the photoacoustic effect of condensed matter in gas cells.
Appl. Phys. B 30, 121-129 (1983) PACS:07.65 44.90
- Lam J.F., Steel D.G., McFarlane R.A.:
Collision studies of highly excited atomic states using a new CW four-wave mixing spectroscopy technique.
Appl. Phys. B 28, 190-191 (1982) PACS:07.65
- Nowak U., Seilmüller J., Richter W., Heyen M., Janz H.:
Characterization of the interface between GaAs:Cr substrates and n-type epitaxial GaAs layers by infrared multiple interference analysis.
Appl. Phys. A 35, 27-34 (1984) PACS:07.65 42.85 68.48 73.60
- Reid J., Labrie D.:
Second-harmonic detection with tunable diode lasers. Comparison of experiment and theory.
Appl. Phys. B 26, 203-210 (1981) PACS:07.65 42.80
- Ruster W., Bonn J., Peuser P., Trautmann N.:
Sensitive laser spectroscopy on trapped barium ions by quenching with hydrogen.
Appl. Phys. B 30, 83-86 (1983) PACS:07.65 34.00 32.00
- Scholz R., Mlynec J., Gierulski A., Lange W.:
Experiments on pressure-induced extra resonances involving degenerate levels.
Appl. Phys. B 28, 191-192 (1982) PACS:07.65
- Todorov T., Nikolova L., Tomova N., Dragostinova V.:
Polarization holography for measuring photoinduced optical anisotropy.
Appl. Phys. B 32, 93-95 (1983) PACS:07.65 42.40 82.50
- Wellegehausen B., Luhs W., Welling H., Topouzhanian A.:
New developments in optically pumped dimer lasers.
Appl. Phys. B 28, 195-196 (1982) PACS:07.65
- Whittaker E.A., Wendt H.R., Hunziker H.E., Bjorklund G.C.:
Laser FM spectroscopy with photochemical modulation. A sensitive, high resolution technique for chemical intermediates.
Appl. Phys. B 35, 105-111 (1984) PACS:07.65 82.50 33.20

Woerdman J.P.:

- Chemical accommodation of Na² wall collisions studied by laser spectroscopy.
Appl. Phys. B 28, 194 (1982) PACS:07.65
- Zhang D.Z., Nikolaus B., Toschek P.E.:
Strong-signal, light-induced collisional energy transfer.
Appl. Phys. B 28, 195 (1982) PACS:07.65

07.75 Mass spectrometers and mass-spectrometry techniques

- Chun-Sing O., Schuessler H.A.:
Mass-selective trapping of pulsed charged particle beams.
Appl. Phys. B 27, 129-135 (1982) PACS:07.75
- Dose V., Fauster Th., Schneider R.:
Improved resolution in VUV isochromat spectroscopy.
Appl. Phys. A 40, 203-207 (1986) PACS:07.75 79.60
- Fantoni R., Stuke M.:
Laser multiphoton mass spectroscopy of organometallic compounds: State selective and mass resolved detection of neutral fragment tellurium atoms from C₂H₅TeC₂H₅.
Appl. Phys. B 38, 209-218 (1985) PACS:07.75 33.80 32.80
- Kudriavtsev Yu.A., Letokhov V.S.:
Laser method of highly selective detection of rare radioactive isotopes through multistep photoionization of accelerated atoms.
Appl. Phys. B 29, 219-221 (1982) PACS:07.75 32.80 28.60
- Schwaiblmair U.:
High-purity F atom beam source.
Appl. Phys. B 30, 149-152 (1983) PACS:07.77
- Vedel M., Andre J., Brincourt G., Zerega Y., Werth G., Schermann J.P.:
Study of the SF₆⁻ ion lifetime in a RF quadrupole trap.
Appl. Phys. B 34, 229-235 (1984) PACS:07.75 35.80
- Wittmaack K.:
Experimental and theoretical investigations into the origin of cross-contamination effects observed in a quadrupole-based SIMS instrument.
Appl. Phys. A 38, 235-252 (1985) PACS:07.75 61.70 79.20

NUCLEAR PHYSICS

29 EXPERIMENTAL METHODS AND INSTRUMENTATION

- Gräff G., Ley R., Osipowicz A., Werth G., Ahrens J.:
Intense source of slow positrons from pulsed electron accelerators.
Appl. Phys. A 33, 59-62 (1984) PACS:29.25 78.70
- Niemax K.:
Investigations on the thermionic diode: The ionisation probability of Rb n²Pj atoms by noble gas collisions.
Appl. Phys. B 32, 59-62 (1983) PACS:29.30 32.20 34.00
- Niemax K.:
Spectroscopy using thermionic diode detectors.
Appl. Phys. B 38, 147-157 (1985) PACS:29.30 32.20 34.00
- Sande M., van, Goethem L., van, Lact L., Guislain H.:
Dislocations in high-purity germanium and its relation to gamma-ray detector performance.
Appl. Phys. A 40, 257-261 (1986) PACS:29.00 61.70

ATOMIC AND MOLECULAR PHYSICS

32 ATOMIC SPECTRA, AND INTERACTIONS WITH PHOTONS

- Allegrini M., Inguscio M.:
Proposal for sub-Doppler spectroscopy by a two-correlated photon technique.
Appl. Phys. B 38, 255-257 (1985) PACS:32.00
- Baklanov E.V., Chebotayev V.P.:
Resonant light absorption by the ordered structures of ions structures of ions stored in a trap.
Appl. Phys. B 39, 179-181 (1986) PACS:32.00 52.00
- Bekov G.I., Letokhov V.S.:
Laser atomic photoionization spectral analysis of element traces.
Appl. Phys. B 30, 161-176 (1983) PACS:32.00 42.50 42.60
- Berres W., Rusbüdt D., Hintz E., Bay H.L.:
An investigation of laser-induced fluorescence for measuring velocity distributions of neutral atoms using a CW dye laser.
Appl. Phys. B 35, 83-93 (1984) PACS:32.80 42.60 06.30
- Beterov I.M., Chebotayev V.P., Fateyev N.V.:
Photoionization detection of stimulated Raman scattering an electron transitions of Na in an atomic beam.
Appl. Phys. B 31, 135-137 (1983) PACS:32.00 42.65

- Beverini N., Ernst K., Inguscio M., Strumia F.:
Optogalvanic nonlinear Hanle effect by a single frequency laser: A quantitative analysis.
Appl. Phys. B 37, 17-29 (1985) PACS:32.00 35.00 52.00
- Bjorklund G.C., Zapka W., Levenson M.D., Tam A.C., Lenth W., Schellenberg F.M., Gallagher T.F., Gounand F.:
Recent progress in frequency modulation spectroscopy.
Appl. Phys. B 28, 299-300 (1982) PACS:32.00
- Bjorklund G.C., Lenth W., Gallagher T.F., Kachru R., Gounand F.:
Frequency modulation spectroscopy with a pulsed dye laser.
Appl. Phys. B 28, 300-301 (1982) PACS:32.00
- Bloomfield L.A., Gerhardt H., Hansch T.W.:
Stepwise excitation with UV-laser and color center laser: Singlet-triplet mixing in nd ($n=12-17$) Rydberg states of 3He.
Appl. Phys. B 29, 162 (1982) PACS:32.00
- Chebotaev V.P., Dubetsky B.Ya.:
A classical model of the photon echo.
Appl. Phys. B 31, 45-52 (1983) PACS:32.00
- Chebotaev V.P., Dubetsky B.Ya., Kazantsev A.P., Yakovlev V.P.:
Interference of atom, and atomic spatial lattices in light fields.
Appl. Phys. B 36, 167-169 (1985) PACS:32.00 42.50 42.60
- Chebotaev V.P., Ulybin V.A.:
Narrowing of a two-photon resonance due to elastic collisions.
Appl. Phys. B 31, 249-252 (1983) PACS:32.00 34.00
- Chen H.L., Erbert G.V.:
Collisional relaxation of electronically excited copper atoms.
Appl. Phys. B 29, 164 (1982) PACS:32.00
- Cremer C., Gerber G.:
Observation of superfluorescence and stimulated emission in BiI after nonresonant two-photon pumping.
Appl. Phys. B 35, 7-10 (1984) PACS:32.00
- Downer M.C., Bivas A., Bloembergen N.:
New third-order contributions to two-photon absorption line strengths in $Gd^{3+}LaF_3$.
Appl. Phys. B 28, 281-282 (1982) PACS:32.00
- Floch A.le, Lenormand J.M., Naour R.le:
Eigenvectors flipping spectroscopy.
Appl. Phys. B 28, 303-304 (1982) PACS:32.00
- Greenland P.T.:
Population trapping and electron scattering in the laser excitation of a realistic autoionizing level.
Appl. Phys. B 29, 165-166 (1982) PACS:32.00
- Grynberg G., Biraben F., Giacobino E.:
Transients in optical bistability.
Appl. Phys. B 26, 155-160 (1981) PACS:32.65 32.80
- Jackson D.J., Wynne J.J., Kes P.H.:
Multiphoton ionization spectrum of Xe I: The case of the disappearing 6s resonance.
Appl. Phys. B 29, 166 (1982) PACS:32.00
- Kopainsky B., Qiu P., Kaiser W., Sens B., Drexhage K.H.:
Lifetime, photostability, and chemical structure of IR heptamethine cyanine dyes absorbing beyond 1 μ m.
Appl. Phys. B 29, 15-18 (1982) PACS:32.00 42.55
- Makarov A.A.:
Laser-selective enrichment of 3d-states of the Ca II ion for detecting rare radioactive isotope calcium-41.
Appl. Phys. B 29, 287-290 (1982) PACS:32.00
- Minogin V.G., Rozhdestvensky V.V.:
Dynamics of a three-level atom in a resonant light field.
Appl. Phys. B 34, 161-166 (1984) PACS:32.90
- Niemax K., Weber K.-H.:
Spectroscopy of alloying and low-pressure elements with the thermionic diode.
Appl. Phys. B 36, 177-180 (1985) PACS:32.20 35.80
- Peuser P., Herrmann G., Rinke H., Sattelberger P., Trautmann N., Ruster W., Ames F., Otten E.-W.:
Trace detection of plutonium by three-step photoionization with a laser system pumped by a copper vapor laser.
Appl. Phys. B 38, 249-253 (1985) PACS:32.00 42.60 07.65
- Pfeiffer J., Kirsten D., Kalkert P., Urban W.:
Sensitive magnetic rotation spectroscopy of the OH free radical fundamental band with a colour centre laser.
Appl. Phys. B 26, 173-177 (1981) PACS:32.00 35.00
- Raimond J.M., Goy P., Haroche S.:
Millimeter-wave photon statistics in Rydberg atoms. Blackbody radiation interaction experiments.
Appl. Phys. B 29, 168-169 (1982) PACS:32.00
- Schenzle A., Devoe R.G., Brewer R.G.:
Phase modulation laser spectroscopy.
Appl. Phys. B 28, 297 (1982) PACS:32.00
- Shimizu F., Umez U., Takuma H.:
Saturable linewidth spectroscopy by phase switching of the optical field.
Appl. Phys. B 28, 297-298 (1982) PACS:32.00
- Spieweck F.:
Method to investigate the symmetry of saturated absorption signals by means of laser frequency locking techniques.
Appl. Phys. B 29, 223-226 (1982) PACS:32.70
- Weber W.H., Terhune R.W.:
Stark-tuned Lamb-dip and sub-Doppler diode laser spectroscopy of NH₃.
Appl. Phys. B 28, 301-303 (1982) PACS:32.00
- Xu Z.-z., Xu Y.-g., Yin G.-y., Zhang Y.-y., Yu J.-j., Lee P.H.Y.:
Second harmonic emission from laser-plasma interactions.
Appl. Phys. B 28, 294-295 (1982) PACS:32.50
- Zherikhin A.M., Letokhov V.S., Mishin V.I., Muchnik M.E., Fedoseyev V.N.:
Production of photoionic gallium beams through stepwise ionization of atoms by laser radiation.
Appl. Phys. B 30, 47-52 (1983) PACS:32.00

33 MOLECULAR SPECTRA, AND COLLISIONS OF MOLECULES WITH PHOTONS

- Abakumov G.A., Polyakov B.I., Simonov A.P., Tchuiko L.S., Yaroslavtzev V.T.:
Stepwise photoionization of complex organic molecules in the gas phase induced by UV laser radiation.
Appl. Phys. B 27, 57-61 (1982) PACS:33.00 82.50 42.55
- Alden M., Edner H., Svanberg S.:
Simultaneous, spatially resolved monitoring of C2 and OH in a C2H2/O2 flame using a diode array detector.
Appl. Phys. B 29, 93-97 (1982) PACS:33.00 42.60 82.40
- Alden M., Wallin S., Wendt W.:
Applications of two-photon absorption for detection of CO in combustion gases.
Appl. Phys. B 33, 205-208 (1984) PACS:33.00 82.40
- Antonelli B., Marchetti S., Montelatici V.:
Optical study of a pulsed molecular beam.
Appl. Phys. B 28, 51-54 (1982) PACS:33.10 47.55
- Antonov V.S., Hohla K.L.:
Dye stability under excimer-laser pumping. I. Method and modeling for infrared dyes.
Appl. Phys. B 30, 109-116 (1983) PACS:33.00 42.55
- Antonov V.S., Hohla K.L.:
Dye stability under excimer-laser pumping: II. Visible and UV dyes.
Appl. Phys. B 32, 9-14 (1983) PACS:33.00 42.45
- Apatin V.M., Makarov G.N.:
Strong dependence of IR multiphoton absorption and dissociation yield of SF₆ molecule on intensity (duration) of exciting laser pulse.
Appl. Phys. B 30, 207-210 (1983) PACS:33.00 82.50
- Apatin V.M., Dorozhkin L.M., Makarov G.N., Pleshkov G.M.:
Diagnostics of pulsed molecular beams and free jets with pyroelectric detectors and TEA CO₂ lasers.
Appl. Phys. B 29, 273-278 (1982) PACS:33.00 34.00 82.50
- Apatin V.M., Makarov G.N.:
The characteristics of multiple-photon absorption of SF₆ molecules cooled in free jet expansion from a pulsed supersonic nozzle.
Appl. Phys. B 28, 367-372 (1982) PACS:33.00 82.50
- Atkins C.G., Hancock G.:
Laser intensity effects in infrared multiple photon absorption.
Appl. Phys. B 28, 120-121 (1982) PACS:33.00 82.50
- Baldacchini G., Marchetti S., Montelatici V.:
Diode-laser radiation absorption of CF₂Cl₂ around 921/cm in a supersonic jet.
Appl. Phys. B 29, 269-272 (1982) PACS:33.00
- Berre M.Le, Ressayre E., Tallet A.:
Quantum treatment of the cooperative AC-Stark effect.
Appl. Phys. B 29, 179-180 (1982) PACS:33.00
- Beverini N., Ernst K., Inguscio M., Strumia F.:
"Laser snow" effect in CS₂ vapour induced by krypton laser.
Appl. Phys. B 26, 57-60 (1981) PACS:33.00 82.50
- Bieniak B., Ernst K.:
Multistep ionization of CS₂ vapour.
Appl. Phys. B 31, 153-155 (1983) PACS:33.00 42.65
- Boughton C.V., Miller R.E.:
Infrared laser-crossed molecular beam study of collision processes in the HF-inlet gas systems.
Appl. Phys. B 28, 113 (1982) PACS:33.00 82.50
- Boulois J.L., Aubourg P., Lerberghe A., van, Agrawal G.P.:
Saturation splitting of a single SF₆ line through resonant degenerate four-wave mixing.
Appl. Phys. B 29, 162-163 (1982) PACS:33.00
- Bronner W., Oesterlin P., Schellhorn M.:
Ion-dip Raman spectroscopy: A method to measure Raman spectra at 4×10^{-9} bar.
Appl. Phys. B 34, 11-15 (1984) PACS:33.80 42.65
- Burland D.M.:
The use of holography to investigate photochemical reactions.
Appl. Phys. B 28, 122-123 (1982) PACS:33.00 82.50
- Chekalov S.V., Letokhov V.S., Likhachev V.S., Movshev V.G.:
Laser photoion projector.
Appl. Phys. B 33, 57-61 (1984) PACS:33.00 42.60 82.50
- Doppelbauer J., Leyendecker G., Bäuerle D.:
Raman diagnostics of heterogeneous chemical processes. Determination of local concentrations.
Appl. Phys. B 33, 141-147 (1984) PACS:33.20 82.65

- Ernsting N.P., Nikolaus B.:
Dye-laser pulse shortening by transient absorption following excited-state intramolecular proton transfer.
Appl. Phys. B 39, 155-164 (1986) PACS:33.50 42.55
- Ernst W.E.:
Microwave-optical polarization spectroscopy of the X₂sigma state of SrF.
Appl. Phys. B 30, 105-108 (1983) PACS:33.40 35.80
- Evans D.K., Adams H.M.:
Multiphoton absorption and luminescence of osmium tetroxide.
Appl. Phys. B 38, 38-55 (1985) PACS:33.00 34.00
- Gastaud C., Belland P., Redon M., Fourrier M.:
CW far-infrared lasing in 15NH₃, Stark resonantly pumped by a CO₂ or N₂O laser.
Appl. Phys. B 32, 79-81 (1983) PACS:33.00 42.55
- Giorgi M., Marchetti S., Palucci A., Ribezzo S.:
Pure MW Raman laser emission in superradiant mode in ammonia by pumping with 9P2O CO₂ laser line.
Appl. Phys. B 34, 33-35 (1984) PACS:33.80 42.55
- Henke W.E., Selzle H.L., Schlag E.W., Lin S.H.:
Quantum beats in molecules.
Appl. Phys. B 28, 277-278 (1982) PACS:33.00
- Hinz A., Zeitz D., Bohle W., Urban W.:
A Faraday laser magnetic resonance spectrometer for spectroscopy of molecular radical ions.
Appl. Phys. B 36, 1-4 (1985) PACS:33.00 35.00
- Hudgens J.W., DiGiuseppe T.G., Lin M.C.:
Observation of two photon allowed states in methyl radical.
Appl. Phys. B 28, 117 (1982) PACS:33.00 82.50
- Iqbal K., Dahiya J.W., Lieb S.G., Bevan J.W.:
Sub-Doppler excited molecule energy transfer spectroscopy.
Appl. Phys. B 27, 153-156 (1982) PACS:33.00 42.80 07.65
- Jacques A., Glorieux P.:
Radiofrequency-induced cross-over resonances.
Appl. Phys. B 26, 217-226 (1981) PACS:33.35 35.00 33.80
- Jena A.von:
A combination of laser-induced grating and transient-absorption experiments for investigation of laser pulse properties and fast molecular relaxation processes.
Appl. Phys. B 26, 1-17 (1981) PACS:33.50 42.10 42.60
- Jones H., Davies P.B., Lewis-Bevan W.:
New FIR laser lines from optically pumped DCOF.
Appl. Phys. B 30, 1-4 (1983) PACS:33.00 42.55
- Klimek D.E.:
The effect of triplet quenchers on vapor-phase dye-laser performance.
Appl. Phys. B 34, 83-86 (1984) PACS:33.50 34.50 42.55
- Kojima H., Fukumi T., Nakajima S., Maruyama Y., Kosaka K.:
Energy efficiency in the multi-stage laser separation of 13C by an elimination method.
Appl. Phys. B 30, 143-148 (1983) PACS:33.00
- Köster E., Gao Q.F., Raj R.K., Bloch D., Ducloy M.:
Resonant Raman enhancement in heterodyne saturation spectroscopy.
Appl. Phys. B 29, 167 (1982) PACS:33.00
- Kühke D.:
Transient orientational grating technique for investigations of fast molecular relaxation processes.
Appl. Phys. B 34, 129-137 (1984) PACS:33.50 42.10 42.60
- Lehmann B.E., Chen C.H., Hurst G.S., Payne M.G., Willis R.D., Kramer D.:
Isotope-selective noble gas atom counting.
Appl. Phys. B 28, 114 (1982) PACS:33.00 82.50
- Leyendecker G., Doppelbauer J., Bäuerle D., Geitner P., Lydtin H.:
Raman diagnostics of CVD systems: Determination of local temperatures.
Appl. Phys. A 30, 237-243 (1983) PACS:33.20 47.25 81.15
- Lieto A.di, Minguzzi P., Tonelli M.:
Design of an optoacoustic cell for laser-Stark spectroscopy.
Appl. Phys. B 27, 1-3 (1982) PACS:33.20 33.60 07.65
- Ludewig K., Birkmann K., Wolleghausen B.:
Anti-Stokes Raman laser investigations on atomic Tl and Sn.
Appl. Phys. B 33, 133-139 (1984) PACS:33.80 42.65
- Magnotta F., Herman I.P.:
Observations on the spectral dependence and T/D isotope selectivity in the CO₂ laser multiple-photon dissociation of trifluoromethane.
Appl. Phys. B 36, 207-212 (1985) PACS:33.80 42.60 82.30
- Marinero E.E., Retner C.T., Zare R.N.:
Quantum-state-specific detection of H₂ by three-photon ionization.
Appl. Phys. B 28, 114-115 (1982) PACS:33.00 82.50
- Mashni M., Hess P.:
Mass spectrometric detection of molecular ions formed by irradiation of condensed methanol with a CO₂ laser.
Appl. Phys. B 29, 205-211 (1982) PACS:33.00 79.00 82.65
- Menefee R.F., Hall R.R., Berry M.J.:
Laser photoacoustic spectroscopy of cooperative vibrational transitions.
Appl. Phys. B 28, 121-122 (1982) PACS:33.00 82.50
- Mizugai Y., Kuze H., Jones H., Takami M.:
Diode-laser spectroscopy of supersonic free jets.
Appl. Phys. B 32, 43-47 (1983) PACS:33.20 35.80
- Neve de Mevergnies M.:
Effect of gas pressure and pulse length on the isotopically selective multiphoton dissociation of CF₃Cl under CO₂ laser pulses (ERRATUM to Appl. Phys. 25, 275-282 (1981)).
Appl. Phys. B 26, 256 (1981) PACS:33.80 82.50
- Neve de Mevergnies M.:
Effect of rotational relaxation of the yield of the multiphoton dissociation of CF₃Cl and CF₃Br under TEA-CO₂ laser pulses.
Appl. Phys. B 29, 125-130 (1982) PACS:33.80 82.50
- Pfaff J., Hager J., Krieger W.:
Laser photofragment spectroscopy of ICN and NCNO.
Appl. Phys. B 28, 112 (1982) PACS:33.00 82.50
- Pfeiffer J., Carrick P.G., Curl Jr R.F., Tittel F.K.:
Magnetic rotation spectroscopy of C₂H free radical with color center laser.
Appl. Phys. B 28, 119-120 (1982) PACS:33.00 82.50
- Pinson P., Michon M.:
Optically pumped 14NH₃ laser and its Stark tuning at 10.78 um.
Appl. Phys. B 28, 55-62 (1982) PACS:33.00 42.55
- Prior Y., Brenner D., Shapiro M.:
Sub-Doppler measurements of predissociative broadening.
Appl. Phys. B 29, 159 (1982) PACS:33.00
- Radloff W., Stert V., Ritze H.-H.:
Spectral characteristics of IR-multiphoton excitation in supersonic molecular beams.
Appl. Phys. B 38, 179-184 (1985) PACS:33.00 82.50
- Reiser D., Laubereau A.:
Vibrational relaxation of dye molecules investigated by ultrafast induced dichroism.
Appl. Phys. B 27, 115-122 (1982) PACS:33.00 42.65
- Riedle E., Neusser H.J., Schlag E.W.:
Doppler-free two-photon spectroscopy of polyatomic molecules.
Appl. Phys. B 28, 118-119 (1982) PACS:33.00 82.50
- Robinson D.W., Lawandy N.M.:
Superfluorescence from flash-pumped H₂O vapor.
Appl. Phys. B 26, 61-66 (1981) PACS:33.00
- Rohrbeck W., Hinz A., NELLE P., Gondal M.A., Urban W.:
A broadband mid-frequency laser magnetic resonance spectrometer for the spectral range of 1200-2000 wavenumbers.
Appl. Phys. B 31, 139-144 (1983) PACS:33.00 55.00
- Schröder H., Kompa K.L., Masci D., Gianinoni I.:
Investigation of UV-laser induced metallization: Platinum from Pt(PF₃)₄.
Appl. Phys. A 38, 227-233 (1985) PACS:33.00 73.00 42.80
- Stanley R.J., Echt O., Castleman Jr. A.W.:
Resonance-enhanced multiphoton ionization (2+1) of the B and C states of ammonia.
Appl. Phys. B 32, 35-38 (1983) PACS:33.80 33.20
- Tosa V., Deac I., Mercea P., Gulacsi Zs., Mercea V.:
Computer simulation of multiphoton excitation of SF₆ molecules cooled by pulsed supersonic expansion.
Appl. Phys. B 36, 55-57 (1985) PACS:33.00
- Vasil'eva M.A., Masalov A.V., Vishchak J., Gulbinas V., Kabelka V., Syrus V.:
Dispersion of phase response of dye solutions using picosecond excitation.
Appl. Phys. B 37, 41-45 (1985) PACS:33.00 42.65
- Veeken K., Reuss J.:
Infrared line narrowing and cluster absorption in a planar jet.
Appl. Phys. B 38, 117-124 (1985) PACS:33.70 36.40 34.50
- Waller I.M., Evans D.K., McAlpine R.D.:
The effect of added nitrogen on the multiphoton absorption by ammonia.
Appl. Phys. B 32, 75-78 (1983) PACS:33.00 34.00 42.55
- Wang C.C., Myers M.T., Zhou D.:
Competition of rotational effects in the band oscillator strength of OH.
Appl. Phys. B 28, 116 (1982) PACS:33.00 82.50
- Zacharias H., Loy M.M.T., Roland P.A., Sudbo A.:
Rotational and electronic cooling in pulsed supersonic expansions of NO/He and NO/Ar mixtures.
Appl. Phys. B 28, 113-114 (1982) PACS:33.00 82.50
- Zacharias H., Rottke H., Welge K.H.:
Generation of nuclear spin polarized protons by stepwise ionization of H atoms.
Appl. Phys. B 28, 115-116 (1982) PACS:33.00 82.50
- Zhang Linyang, Zhang Yunmu, Ma Xingxiao, Yuan Peng, Xu Yan, Gong Mengxiong, Fuß W.:
Deuterium separation by multiphoton dissociation of dichlorofluoromethane.
Appl. Phys. B 39, 117-129 (1986) PACS:33.80 33.20
- Zinth W., Pollard H.-J., Laubereau A., Kaiser W.:
New results on ultrafast coherent excitation of molecular vibrations in liquids.
Appl. Phys. B 26, 77-88 (1981) PACS:33.00 42.80
- Yokoyama A., Suzuki K., Fujisawa G., Ishikawa N.:
Selective T/H separation by NH₃ laser multiple-photon disso-

ciation of CTC13.
Appl.Phys. B 38, 99-105 (1985) PACS:33.80 42.60

34 ATOMIC AND MOLECULAR COLLISION PROCESSES AND INTERACTIONS

- Bassi D., Boschetti A., Scotoni M., Zen M.:
Molecular beam diagnostics by means of fast superconducting bolometer and pulsed infrared laser.
Appl.Phys. B 26, 99-103 (1981) PACS:34.50 33.20 35.80
- Brechignac C., Cahuzac Ph.:
Time resolved study of superelastic collisions in laser excited strontium vapor.
Appl.Phys. B 29, 180-181 (1982) PACS:34.00
- Bucksbaum P., Commins E., Hunter L.:
Parity nonconservation in atomic thallium.
Appl.Phys. B 28, 280-281 (1982) PACS:34.00
- Dreyfus R.W., Bogen P., Langer H.:
Atomic hydrogen concentrations and velocities measured with harmonically generated Lyman-alpha (1215 Ang.) radiation.
Appl.Phys. B 28, 292-293 (1982) PACS:34.00 50.00
- Fischer E., Rozkwitalski Z., Kneubühl F.K.:
Self-field MPD thruster with atomic and molecular propellants.
Appl.Phys. B 38, 41-49 (1985) PACS:34.00 52.00
- Graener H., Laubereau A.:
New results on vibrational population decay in simple liquids.
Appl.Phys. B 29, 213-218 (1982) PACS:34.00 35.00 07.65
- Henchoz P.-D., Lüthy W., Weber H.P.:
Power optimization of a Ti photodissociation laser.
Appl.Phys. B 38, 165-169 (1985) PACS:34.00 42.55
- Kleinermanns K., Wolfrum J.:
H + H₂O reaction dynamics: State distribution for the OH product.
Appl.Phys. B 34, 5-9 (1984) PACS:34.00 82.40 82.50
- Kuhl J.:
Direct measurement of vibrational dephasing times in solids and liquids with two synchronously mode-locked CW dye lasers.
Appl.Phys. B 28, 251 (1982) PACS:34.00 42.80
- Lin S.-C., Zheng C.-E., Lo D., Matsumoto J., Zhu S.-B.:
Attachment kinetics and life time of preionization electrons in rare-gas halogen laser mixtures.
Appl.Phys. B 40, 15-23 (1986) PACS:34.80 42.55 52.80
- Müller W., McClelland J.J., Hertel I.V.:
Infrared laser-emission study in a resonantly excited sodium vapor.
Appl.Phys. B 31, 131-134 (1983) PACS:34.50 42.55 52.50
- Nagy I., Laszlo J., Giber J.:
Inelastic energy loss in solids II. Calculation of the number of ejected electrons on the base of the expectation value of the inelastic energy loss.
Appl.Phys. A 31, 153-155 (1983) PACS:34.00 79.20
- Skippin S.M., King T.A.:
Mercury excimer processes in resonant optically pumped vapour.
Appl.Phys. B 37, 223-227 (1985) PACS:34.90 42.55
- Veeken K., Reuss J.:
Determination of the rotational temperature and the molecular density in an expanding NH₃ jet by infrared absorption.
Appl.Phys. B 34, 149-159 (1984) PACS:34.50 33.70

35 EXPERIMENTALLY DERIVED INFORMATION ON ATOMS AND MOLECULES

- Arisawa T., Maruyama Y., Suzuki Y., Shiba K.:
Lithium isotope separation by laser.
Appl.Phys. B 28, 73-76 (1982) PACS:35.00
- Atkins C.G., Hancock G., Zacharias H.:
Laser excited fluorescence from CO(Alphi).
Appl.Phys. B 29, 160 (1982) PACS:35.00
- Cutler L.S., Flory C.A., Giffard R.P., McGuire M.D.:
Doppler effects due to thermal macromotion of ions in an RF quadrupole trap.
Appl.Phys. B 39, 251-259 (1986) PACS:35.00 32.00
- Cutler L.S., Giffard R.P., McGuire M.D.:
Thermalization of 199Hg ion macromotion by a light background gas in an RF quadrupole trap.
Appl.Phys. B 36, 137-142 (1985) PACS:35.00
- Dreier T., Wolfrum J.:
Detection of free NH₂(X2B1) radicals by CARS spectroscopy.
Appl.Phys. B 33, 213-218 (1984) PACS:35.00 82.40 42.60
- Ernst W.E., Kindt S.:
A molecular beam laser-microwave double-resonance spectrometer for precise measurements of high temperature molecules.
Appl.Phys. B 31, 79-83 (1983) PACS:35.80 33.40
- Irion M.P., Kompa K.L.:
UV laser photochemistry of acetylene at 193 nm.
Appl.Phys. B 27, 183-186 (1982) PACS:35.00 36.00 42.60
- Irion M.P., Fuß W., Kompa K.L.:
UV-laser induced photo-oxidation of aqueous benzene solutions: Formation of phenol.
Appl.Phys. B 27, 191-194 (1982) PACS:35.00 36.00 42.60

- Laubereau A., Telle H.R., Gale G.M.:
Off-resonant excitation of molecular vibrations in liquids, investigated by picosecond probe scattering.
Appl.Phys. B 34, 23-28 (1984) PACS:35.80 42.65 78.30
- Speiser S., Shakkour N.:
Photoquenching parameters for commonly used laser dyes.
Appl.Phys. B 38, 191-197 (1985) PACS:35.00 42.55 42.60
- Telle H.R., Laubereau A.:
Effect of non-exponential dephasing on near-resonant stimulated Raman scattering.
Appl.Phys. B 34, 43-48 (1984) PACS:35.80 42.65
- Treichel R., Staerk H., Weller A.:
Magnetic field effect measurements by time-selective absorption sampling.
Appl.Phys. B 31, 15-17 (1983) PACS:35.00 07.65 42.60
- Wisoff P.J.K., Caro R.G.:
A superheated Na cell for X-ray photoionization experiments.
Appl.Phys. B 35, 65-69 (1984) PACS:35.80 07.20 07.85
- Wolf U., Tiemann E.:
Improved absorption spectroscopy with pulsed lasers.
Appl.Phys. B 39, 35-42 (1986) PACS:35.80

36 STUDIES OF SPECIAL ATOMS AND MOLECULES (macro- and polymer molecules, clusters)

- Agrawal G.P.:
Phase conjugation and probe gain in bichromatically pumped two-photon resonant systems
Appl.Phys. B 28, 259 (1982) PACS:36.00 42.55
- Alber G., Zoller P.:
Enhanced three-wave mixing by autoionizing resonances.
Appl.Phys. B 28, 257 (1982) PACS:36.10 42.55
- Alexandrescu R., Comaniciu N., Mihailescu I.N., Morjan I., Kravchenko V.A., Petrov Yu N., Kuznetsov V.I.:
Evidence of orientational polarizability of adsorbed dipole molecules in fine porous membranes.
Appl.Phys. B 29, 182-183 (1982) PACS:36.00
- Bechthold P.S., Kettler U., Krasser W.:
Enhanced Raman spectra of metal-molecule clusters.
Appl.Phys. B 28, 231 (1982) PACS:36.40
- Cantrell C.D., Peterson G.L., Adams D.R.:
Nonperturbative quantum calculation of the index of refraction of multilevel systems.
Appl.Phys. B 28, 257-258 (1982) PACS:36.20 02.00
- Chu S., Mills A.P.:
Observation of the 13S1 - 23S1 energy splitting in positronium
Appl.Phys. B 28, 279 (1982) PACS:36.10
- Coleman P.E., Knight P.L.:
Laser-induced continuum structure in multiphoton excitation.
Appl.Phys. B 28, 256 (1982) PACS:36.20
- Delacrtaz G., Ganiere J.D., Monot R., Wöste L.:
Photoionization and fragmentation of alkali metal clusters in supersonic molecular beams.
Appl.Phys. B 29, 55-61 (1982) PACS:36.00 07.65
- Dilonardo M., Capitelli M., Cantrell C.D.:
Interpretation and assignment of multiphoton resonances in SF₆.
Appl.Phys. B 29, 181 (1982) PACS:36.00
- Heidberg J., Hussla I.:
Infrared laser stimulated processes in binary 60-adsorbates on solid surfaces.
Appl.Phys. B 29, 184 (1982) PACS:36.00
- Wallace S., Ivanko M., Hager J., Sharfin W.:
Quantum interference phenomena in the radiative decay of the C(1B2) state of SO₂.
Appl.Phys. B 28, 278-279 (1982) PACS:36.00

CLASSICAL FIELDS OF PHENOMENOLOGY

41 ELECTRICITY AND MAGNETISM

- Bajorek J.:
Limits of self-impedance of a conductor with eccentric external return.
Appl.Phys. B 28, 77-80 (1982) PACS:41.00 84.00
- Bladel J.van, Zutter D.de:
Magnetic levitation: The track currents.
Appl.Phys. B 34, 193-201 (1984) PACS:41.00
- Chung M., Cutler P.W., Feuchtwang T.E., Kazes E., Miskovsky N.M.:
Reply to comment on "Variational formulation for the equilibrium condition of a conducting fluid in an electric field".
Appl.Phys. A 36, 171-174 (1985) PACS:41.80 68.10
- Elias L.R., Gallardo J.C.:
Cylindrical Gaussian-Hermite modes in rectangular waveguide resonators.
Appl.Phys. B 31, 229-233 (1983) PACS:41.00 42.10

- Engheta N., Papas C.H.:
Ambartsumian's principle of invariance and the reflection of radio waves from plane inhomogeneous slabs.
Appl. Phys. B 30, 183-188 (1983) PACS:41.00 42.80
- Engheta N., Papas C.H., Elachi C.:
Interface extinction and subsurface peaking of the radiation pattern of a line source.
Appl. Phys. B 26, 231-238 (1981) PACS:41.00 02.00 42.82
- Frackowiak J.K., Przewdzicki S.:
A note on Debye potentials for spherically gyrotropic media.
Appl. Phys. B 27, 169-173 (1982) PACS:41.00
- Gell Y., Torstensson J.R., Wilhelmsson H., Levush B.:
On a free-electron-laser in a uniform magnetic field. A solution for arbitrarily strong electromagnetic radiation fields.
Appl. Phys. B 27, 15-18 (1982) PACS:41.00 42.55 95.00
- Haus H.A.:
Electrodynamics of moving media and the force on a current loop.
Appl. Phys. A 27, 99-105 (1982) PACS:41.00 75.00
- Ivanov D.V., Burov J.I.:
A new concept for the origin of the Schaefer-Bergmann diffraction patterns.
Appl. Phys. B 30, 203-205 (1983) PACS:41.00 62.00
- Johnson K.C.:
An invariant imbedding formulation of coupled-wave theory.
Appl. Phys. B 26, 247-249 (1981) PACS:41.10 42.20 02.70
- Johnson K.C.:
Addendum to coupled-wave theory.
Appl. Phys. B 26, 255 (1981) PACS:41.10 42.20 02.70
- Kang N.K., Swanson L.W.:
Computer simulation of liquid metal ion source optics.
Appl. Phys. A 30, 95-104 (1983) PACS:41.80 79.70 07.80
- Lakhtakia A.:
On a fourth-order wave equation for EM propagation in chiral media.
Appl. Phys. B 36, 163-165 (1985) PACS:41.00 42.10
- Lakhtakia A.:
On a fourth-order equation for EM propagation in chiral media.
ERRATUM for Appl. Phys. B 36, 163-165 (1985)
Appl. Phys. B 39, 260 (1986) PACS:41.00 42.10
- Luchini P., Motz H.:
An exact solution for the motion of an ultrarelativistic electron in a tapered undulator.
Appl. Phys. B 37, 47-54 (1985) PACS:41.00 42.55
- Miskovsky N.M., Cutler P.H.:
Comment on the validity of first-order paraxial theory for electron and ion sources with needle-type or pointed geometry.
Appl. Phys. A 33, 43-45 (1984) PACS:41.80 41.70
- Miskovsky N.M., Cutler P.H., Feuchtwang T.E.:
Derivation of a modified paraxial formalism for two-dimensional trajectories in electron and ion sources of non-simple geometries.
Appl. Phys. A 33, 113-120 (1984) PACS:41.80 03.50 79.00
- Morrison H.D., Garside B.K., Reid J.:
Modeling of high-pressure 12- μ m NH₃ lasers.
Appl. Phys. B 37, 165-170 (1985) PACS:42.55 33.80 42.60
- Smith T.I., Maday J.M.J.:
Realizable free-electron lasers.
Appl. Phys. B 27, 195-199 (1982) PACS:41.80 42.60
- Tabin J.:
New aspects of Huygens principle.
Appl. Phys. B 31, 225-228 (1983) PACS:41.00 02.00
- Vicent P.:
Computation of the resonant frequency of a dielectric resonator by a differential method.
Appl. Phys. A 31, 51-54 (1983) PACS:41.00 85.00
- Wilhelm H.E.:
Electromagnetic induction in conductors accelerated in magnetic fields amplified by flux compression.
Appl. Phys. B 31, 107-113 (1983) PACS:41.10 41.90 02.90 85.20
- Wilhelm H.E.:
Hyperbolic initial-boundary-value problem for magnetic flux compression by plane liners.
Appl. Phys. B 31, 173-177 (1983) PACS:41.00
- Altman C., Schatzberg A., Suchy K.:
Symmetries and scattering relations in plane-stratified anisotropic media.
Appl. Phys. B 26, 147-153 (1981) PACS:42.10
- Benlarbi B., Russel P.St.J., Solymar L.:
Bragg diffraction of finite beams by thick gratings: Two rival theories.
Appl. Phys. B 28, 63-72 (1982) PACS:42.10 42.80
- Benlarbi B., Russel P.St.J., Solymar L.:
Bragg diffraction of Gaussian beams by thick gratings: Numerical evaluations by plane-wave decomposition.
Appl. Phys. B 28, 383-390 (1982) PACS:42.10 42.80
- Bor Zs., Szatmari S., Müller A.:
Picosecond pulse shortening by travelling wave amplified spontaneous emission.
Appl. Phys. B 32, 101-104 (1983) PACS:42.10 42.55
- El-Racy M., Roshdy N.:
Shape and delay of CO₂-laser pulses in fog.
Appl. Phys. B 26, 251-253 (1981) PACS:42.10 42.60
- Gaylord T.K., Moharam M.G.:
Planar dielectric grating diffraction theories.
Appl. Phys. B 28, 1-14 (1982) PACS:42.10 42.20 42.30
- Gomes A.S.L., Sibbett W., Taylor J.R.:
Spectral and temporal study of picosecond-pulse propagation in a single-mode optical fibre.
Appl. Phys. B 39, 43-46 (1986) PACS:42.10 42.65
- Grosse P., Harbecke B., Heinz B., Meyer R., Offenberger M.:
Infrared spectroscopy of oxide layers on technical Si wafers.
Appl. Phys. A 39, 257-268 (1986) PACS:42.10 42.20 78.20
- Harbecke B., Heinz B., Grosse P.:
Optical properties of thin films and the Berreman effect.
Appl. Phys. A 38, 263-267 (1985) PACS:42.10 42.20 78.20
- Harbecke B.:
Coherent and incoherent reflection and transmission of multi-layer structures.
Appl. Phys. B 39, 165-170 (1986) PACS:42.10 42.20 78.20
- Harbecke B.:
Application of Fourier's allied integrals to the Kramers-Kronig transformation of reflectance data.
Appl. Phys. A 40, 151-158 (1986) PACS:42.10 42.20 78.20
- Jakeman E., McWhirter J.G.:
Non-Gaussian scattering by a random phase screen.
Appl. Phys. B 26, 125-131 (1981) PACS:42.10
- Jordan D.L., Hollins R.C., Jakeman E.:
Experimental measurements of non-Gaussian scattering by fractal diffusers.
Appl. Phys. B 31, 179-186 (1983) PACS:42.10
- Knoesen A., Moharam M.G., Gaylord T.K.:
Electromagnetic propagation at interfaces and in waveguides in uniaxial crystals. Surface impedance/admittance approach.
Appl. Phys. B 38, 171-178 (1985) PACS:42.10 42.80 42.82
- Leung C.-Y.:
Picosecond pulse transmission in germanium of various thicknesses.
Appl. Phys. B 27, 201-205 (1982) PACS:42.10 42.55 78.20
- Mendez O.M., Roger A., Maystre D.:
Numerical solution for an inverse scattering problem of non-periodic rough surfaces.
Appl. Phys. B 32, 199-206 (1983) PACS:42.10
- Ouchi K.:
Imagery of ocean waves by synthetic aperture radar.
Appl. Phys. B 29, 1-11 (1982) PACS:42.10 42.30
- Ries H.:
Complete and reversible absorption of radiation.
Appl. Phys. B 32, 153-156 (1983) PACS:42.10 05.70 42.80
- Russell P.St.J.:
Optics of Floquet-Bloch waves in dielectric gratings.
Appl. Phys. B 39, 231-246 (1986) PACS:42.10 42.80
- Sauter E.G.:
Light propagation in twisted dielectric media.
Appl. Phys. B 27, 137-139 (1982) PACS:42.10 78.20
- Schäfer F.P.:
On some properties of axicons.
Appl. Phys. B 39, 1-8 (1986) PACS:42.10 42.60
- Stryland E.W., van, Smir A.L., Boggess T.F., Soileau M.J., Wherrett B.S., Hopf F.A.:
Weak-wave retardation and phase-conjugate self-defocusing in Si.
Appl. Phys. B 29, 159-160 (1982) PACS:42.10
- Takai N., Iwai T., Asakura T.:
An effect of curvature of rotating diffuse objects on the dynamics of speckles produced in the diffraction field.
Appl. Phys. B 26, 185-192 (1981) PACS:42.10 42.30
- Zartov G.D., Panajotov K.P., Peyeva R.A.:
Optical bistability polarization dependences with an interference modulator.
Appl. Phys. B 39, 111-115 (1986) PACS:42.10 42.60 42.80

42 OPTICS

42.10 Propagation and transmission in homogeneous media

- Aizu Y., Ushizaka T., Asakura T.:
Measurements of the velocity gradient using a laser Doppler phenomenon.
Appl. Phys. B 36, 155-161 (1985) PACS:42.10 42.80 42.30
- Altman C., Schatzberg A.:
Reciprocity and equivalence in reciprocal and non-reciprocal media through reflection transformations of the current distributions.
Appl. Phys. B 28, 327-333 (1982) PACS:42.10

42.20 Propagation and transmission in inhomogeneous media

- Ambar H., Aoki Y., Takai N., Asakura T.: Mechanisms of speckle reduction in laser-microscope images using a rotating optical fiber. Appl.Phys. B 38, 71-78 (1985) PACS:42.20 42.30 42.80
- Baird W.E., Moharam M.G., Gaylord T.K.: Diffraction characteristics of planar absorption gratings. Appl.Phys. B 32, 15-20 (1983) PACS:42.20 42.40
- Danielz B., Nattermann K., Linde D. von der: Nanosecond optical pulse shaping in cadmium-sulfide-selenide glasses. Appl.Phys. B 38, 31-36 (1985) PACS:42.20 78.00
- Baltz R. von, Lingenfelder Ch., Rupp R.: Nonlocal photovoltaic response function for the interpretation of hologram writing in ferroelectric crystals. Appl.Phys. A 32, 13-18 (1983) PACS:42.30 42.40
- Baving H.J., Muus H., Skolaut W.: Mirror problems of a CW argon-ion laser at high output power. Appl.Phys. B 33, 75-77 (1984) PACS:42.30 42.60
- Broer D.J., Vriens L.: Laser-induced optical recording in thin films. Modelling of the hole opening and experiments with organic sublayers. Appl.Phys. A 32, 107-123 (1983) PACS:42.30 64.70
- Dautartas M.F., Suh S.Y., Forrest S.R., Kaplan M.L., Lovinger A.J., Schmidt P.H.: Optical recording using hydrogen phthalocyanine thin films. Appl.Phys. A 36, 71-79 (1985) PACS:42.30 64.70 78.65
- Indebetouw G., Shing W.P.: Scanning optical reconstruction of coded aperture images. Appl.Phys. B 27, 69-76 (1982) PACS:42.30
- Indebetouw G.: Some experiments in partially coherent imaging and modulation transfer function evaluation. Appl.Phys. B 32, 21-24 (1983) PACS:42.30
- Kivits P., Bont R. de, Veen J. van der: Vanadyl phthalocyanine: An organic material for optical data recording. Appl.Phys. A 26, 101-105 (1981) PACS:42.30 42.70
- Segal M., Politch J.: Spatial frequency response and resolution in holography. Appl.Phys. B 30, 95-98 (1983) PACS:42.30 42.40 07.60
- Syms R.R.A., Solymar L.: Noise gratings in silver halide volume holograms. Appl.Phys. B 30, 177-182 (1983) PACS:42.30
- Syms R.R.A., Solymar L.: Experimental and theoretical evaluation of the efficiency of an off-axis volume holographic lens. Appl.Phys. B 32, 165-173 (1983) PACS:42.30
- Ushizaka T., Aizu Y., Asakura T.: Measurements of velocity using a lenticular grating. Appl.Phys. B 39, 97-106 (1986) PACS:42.30 42.80
- Yu F.T.S., Zhuang S.L., Wu S.T.: Source encoding for partially coherent optical processing. Appl.Phys. B 27, 99-104 (1982) PACS:42.30 42.80
- Yu F.T.S., Chao T.H.: Color signal correlation detection by matched spatial filtering. Appl.Phys. B 32, 1-6 (1983) PACS:42.30 42.80
- Zhuang S.L., Yu F.T.S.: Apparent transfer function for partially coherent optical information processing. Appl.Phys. B 28, 359-366 (1982) PACS:42.30 42.80

42.40 Holography

- Biehlig W., Langbein U., Lederer F.: Diffraction efficiencies of evanescent-wave holograms. Appl.Phys. B 30, 87-94 (1983) PACS:42.40 42.80
- Keilmann F., Bai Y.H.: Periodic surface structures frozen into CO₂ laser-melted quartz. Appl.Phys. A 29, 9-18 (1982) PACS:42.40 42.82 71.36 73.90
- Kukhtarev N.V., Dovgalenko G.E., Starkov V.N.: Influence of the optical activity on hologram formation in photorefractive crystals. Appl.Phys. A 33, 227-230 (1984) PACS:42.40 42.65
- Makhsantsev B.I., Pilipetski N.F.: On the formation of periodic structures on solid surfaces. Appl.Phys. A 36, 205-207 (1985) PACS:42.40 68.55
- Marotz J.: Holographic storage in sensitized polymethyl methacrylate blocks. Appl.Phys. B 37, 181-187 (1985) PACS:42.40 82.35
- Pinsl J., Deeg F.W., Bräuchle Chr.: Two-photon four-level hologram recording in poly-(alkyl-alpha-cyanoacrylates). Appl.Phys. B 40, 77-84 (1986) PACS:42.40 82.35
- Richter K.H., Güttler W., Schwoerer M.: UV-holographic gratings in TS-diacetylene single crystals. Appl.Phys. A 32, 1-11 (1983) PACS:42.40 82.50 82.35
- Rupp R.A., Dress F.W.: Light-induced scattering in photorefractive crystals. Appl.Phys. B 39, 223-229 (1986) PACS:42.40 42.70 42.65
- Slinger C.W., Syms R.R.A., Solymar L.: Non linear recording in silver halide planar volume holograms. Appl.Phys. B 36, 217-224 (1985) PACS:42.40 02.68
- Vikram C.S., Billet M.L.: Far-field holography at non-image planes for size analysis of small particles. Appl.Phys. B 33, 149-153 (1984) PACS:42.40 42.30 06.30
- Vikram C.S., Billet M.L.: Window curvature effects and tolerances in Fraunhofer holography in cylindrical tunnels. Appl.Phys. B 40, 99-102 (1986) PACS:42.40 42.10 42.30

42.50 Quantum optics

- Abraham N.B., Coleman M.D., Maeda M., Wesson J.C.: Single-mode instabilities in high-gain gas lasers. Appl.Phys. B 28, 169 (1982) PACS:42.50
- Arecchi F.T., Giusfredi G., Petriella E., Salieri P.: Low threshold optical bistability with optical pumping. Appl.Phys. B 29, 79-87 (1982) PACS:42.50 42.65 42.80
- Arecchi F.T., Politi A., Ulivi L.: Transient fluctuations in quantum optics: The stochastic time approach. Appl.Phys. B 28, 163-164 (1982) PACS:42.50
- Arecchi F.T., Lisi F.: A hopping mechanism generating 1/f noise in nonlinear systems. Appl.Phys. B 28, 167-168 (1982) PACS:42.50
- Arimondo E., Menchi E.: Analysis of Q-switch in a CO₂ laser with saturable absorber. Appl.Phys. B 37, 55-61 (1985) PACS:42.50
- Benjamin I., Levine R.D., Roosmalen O.S., Iachello F.: Multiphoton excitation of molecules with realistic level structure: An algebraic approach. Appl.Phys. B 28, 107 (1982) PACS:42.50
- Bergou J., Varro S.: Nonlinear bremsstrahlung of electrons in the presence of a magnetic and a laser field. Appl.Phys. B 28, 105 (1982) PACS:42.50
- Boscolo L., Gallardo J.: Small-signal gain of a free electron laser in a resonator Gaussian mode. Appl.Phys. B 35, 163-166 (1984) PACS:42.50 42.55 42.60
- Brunner W., Paul H.: Regular and chaotic behaviour of multimode gas lasers. Appl.Phys. B 28, 168-169 (1982) PACS:42.50
- Brunner W., Fischer R., Paul H.: Self-phase locking in lasers with homogeneously broadened emission lines. Appl.Phys. B 33, 187-193 (1984) PACS:42.50 42.55 42.60
- Casagrande F., Casati G.: Transition to cooperative and stochastic behaviour in a free electron laser Hamiltonian model. Appl.Phys. B 28, 166 (1982) PACS:42.50
- Colson W.B., Elleaume P.: Electron dynamics in free electron laser resonator modes. Appl.Phys. B 29, 101-109 (1982) PACS:42.50 42.55 52.60
- Efendiev T.Sh., Kostenich V., Rubinov A.N., Altschuler G.B., Dulneva E.G., Meshkovskii I.K.: Tunable distributed feedback dye-laser on the basis of micro-compositional matrix material. Appl.Phys. B 28, 171 (1982) PACS:42.50
- Efendiev T.Sh., Kostenich Yu.V., Rubinov A.N., Altschuler G.B., Dulneva E.G., Meshkovskii I.K.: Tunable distributed-feedback laser based on the dye doped microporous quartz glass. Appl.Phys. B 33, 167-169 (1984) PACS:42.50
- Farkas Gy., Chin S.L.: Experiment on the optical tunneling process of electrons from a gold surface induced by mode-locked CO₂ laser pulse trains. Appl.Phys. B 37, 141-143 (1985) PACS:42.50 42.65 79.60
- Firth W.J., Abraham E., Wright E.M.: Ikeda oscillation and chaos in folded Fabry-Perot resonators. Appl.Phys. B 28, 170 (1982) PACS:42.50
- Gheorghe V.N.: Phase transition to superradiance in a multicomponent system. Appl.Phys. B 38, 205-207 (1985) PACS:42.50 42.65
- Giglio M.: Transition to chaotic behaviour via period doubling bifurcations. Appl.Phys. B 28, 165 (1982) PACS:42.50
- Graham R., Höhnerbach M., Schenzle A.: Statistical properties of light from a dye laser. Appl.Phys. B 29, 149 (1982) PACS:42.50

- Hioe F.T., Eberly J.H.: SU(3) coherence vector and Pi-pulse behavior in three-level quantum systems. Appl.Phys. B 28, 105-106 (1982) PACS:42.50
- Hioe F.T., Eberly J.H.: Quarks and quantum electronics. Appl.Phys. B 28, 106 (1982) PACS:42.50
- Hioe F.T., Eberly J.H.: New conservation laws restricting the density matrix of 3-level quantum systems. Appl.Phys. B 28, 106 (1982) PACS:42.50
- Ikeda K., Akimoto G.: Successive bifurcations in dynamical multi-stability in bistable optical systems: A detailed study of the transition to chaos. Appl.Phys. B 28, 170-171 (1982) PACS:42.50
- Kaplan A.E., Maystre P.: Nonlinear Sagnac effect. Appl.Phys. B 28, 104 (1982) PACS:42.50
- Kaplan A.E.: Bistable cyclotron resonance based on relativistic nonlinearity. Appl.Phys. B 28, 166-167 (1982) PACS:42.50
- Konopnicki M.J., Drummond P.D., Eberly J.H.: Simultons: Simultaneous propagation of different-wavelength optical pulses. Appl.Phys. B 28, 103 (1982) PACS:42.50
- Last I., Baer M.: Space-averaged time-dependent equations for a pulsed laser with a finite phase memory decay constant. Appl.Phys. B 28, 102 (1982) PACS:42.50
- Lugiato L.A., Benza V., Narducci L.M., Farina J.D.: Higher order instabilities in absorptive optical bistability. Appl.Phys. B 28, 164 (1982) PACS:42.50
- Mattar F.P., Bowden C.M.: Light control by light with an example in coherent pump dynamics, propagation, transverse and diffraction effects in three-level superfluorescence. Appl.Phys. B 29, 149-151 (1982) PACS:42.50
- Milburn G.J., Walls D.F.: Quantum fluctuations and quantum non demolition measurements. Appl.Phys. B 28, 109-110 (1982) PACS:42.50
- Puri R.R., Bullough R.K., Hassan S.S.: Non trivial quantum model of optical bistability. Appl.Phys. B 29, 174 (1982) PACS:42.50
- Rohart F., Macke B.: Influence of the source bandwidth on the observation of microwave photon echoes. Appl.Phys. B 26, 23-30 (1981) PACS:42.50 42.65
- Roso L., Corbalan R., Orriols G., Vilaseca R., Arimondo E.: Dressed-atom approach for probe spectroscopy in Doppler-broadened three-level systems with standing-wave saturator. Appl.Phys. B 31, 115-129 (1983) PACS:42.50 42.65 33.00
- Stepisnik J.: Theory of coherent two-photon resonance in averaged Hamiltonian approximation. Appl.Phys. B 29, 151-152 (1982) PACS:42.50
- Strini G., Casagrande F., Lugiato L.A.: On the squeezing obtainable in two-photon lasers, two-photon optical bistability, and degenerate parametric amplifier. Appl.Phys. B 28, 109 (1982) PACS:42.50
- Walls D.F.: Quantum fluctuations of the electromagnetic field. Appl.Phys. B 28, 108 (1982) PACS:42.50
- Wan C., Zhou J., FuB W., Kampa K.L.: Independently controllable multiline emission from a TEA CO₂ laser. Appl.Phys. B 35, 123-126 (1984) PACS:42.50 42.60
- Yuen H.P.: Quantum statistical optics of degenerate two-photon lasers. Appl.Phys. B 28, 110-111 (1982) PACS:42.50
- Zmuidzinas J.S.: Dynamic stabilization of metastable atoms. Appl.Phys. B 28, 107-108 (1982) PACS:42.50
- 42.55 Lasing processes**
- Aaviksoo J., Anijalg A., Freiberg A., Timpmann K.: On noise and fluctuations in a synchronously mode-locked CW laser system. Appl.Phys. B 37, 213-217 (1985) PACS:42.55 42.60
- Abramski K.M., Spijkers J., van, Witteman W.J.: On the opto-voltaic measurements in CO and CO₂ lasers. Appl.Phys. B 36, 149-153 (1985) PACS:42.55 42.60 42.80
- Aechtner P., Laubereau A.: Collective modes: An analytical model for active mode locking in the transient case. Appl.Phys. B 40, 133-139 (1986) PACS:42.55 42.60
- Ajo J., Hefetz Y., Nurmiikko A.V.: An actively-passively modelocked high-pressure CO₂ laser with continuous wavelength tunability. Appl.Phys. B 28, 286-287 (1982) PACS:42.55
- Aminoff C.G., Kaivola M.: Michelson mode selectors and spatial hole burning in single-mode CW dye lasers. Appl.Phys. B 26, 133-140 (1981) PACS:42.55
- Antonuk D.M., Seguin H.J.J., Capjack C.E.: Electrode design for a magnetically stabilized glow discharge. Appl.Phys. B 35, 155-162 (1984) PACS:42.55 52.80
- Arimondo E., Casagrande F., Lugiato L.A., Glorieux P.: Repetitive passive Q-switching and bistability in lasers with saturable absorbers. Appl.Phys. B 30, 57-77 (1983) PACS:42.55 42.65
- Baev V.M., Stahlberg B., Gaida G., Schröder H., Toschek P.E.: Laser intra-cavity absorption spectroscopy of molecular helium. Appl.Phys. B 28, 289 (1982) PACS:42.55 33.00
- Bakanov D.G., Odintsov A.I., Fedoseev A.I., Volkov A.Yu., Demin A.I., Kudriavtsev E.M., Sobolev N.N.: Laser action on the transition $\lambda_{\text{max}} = 18.4 \mu\text{m}$ of CO₂ molecule in the various GDL-mixtures. Appl.Phys. B 28, 288 (1982) PACS:42.55
- Baker H.J., Seddon N.: Nitrogen related excitation processes in a mercury bromide laser discharge. Appl.Phys. B 36, 171-175 (1985) PACS:42.55
- Becker W., Scully M.O., Zubairy M.S.: Non-classical effects in spontaneous radiation from a free-electron laser. Appl.Phys. B 28, 150 (1982) PACS:42.55
- Belland P., Gastaud C., Redon M., Fourrier M.: New CW FIR laser emissions from CO₂ laser-pumped vinyl bromide. Appl.Phys. B 34, 175-177 (1984) PACS:42.55
- Belland P.: Waveguide CW 118.6 μm H₂O laser. Appl.Phys. B 27, 123-128 (1982) PACS:42.55 42.60
- Ben-Aryeh Y., Rosenberg A., Felsteiner J., Politch J.: Amplification of millimeter electromagnetic wave radiation in a cold glow discharge. Appl.Phys. B 28, 150-151 (1982) PACS:42.55
- Bergamasco G., Cecchetti M., Polloni R.: A subpicosecond dye laser pumped by a xenon ion laser. Appl.Phys. B 34, 191-192 (1984) PACS:42.55 42.60
- Bernhardt A.F., Rasmussen P.: Design criteria and operating characteristics of a single-mode pulsed dye laser. Appl.Phys. B 26, 141-146 (1981) PACS:42.55
- Bertolotti M., Sibilia C.: Coherent effects in inverse Compton scattering in the high frequency region. Appl.Phys. B 34, 221-228 (1984) PACS:42.55 41.00
- Bourne O.L., Alcock A.J.: The vibrational relaxation time constant for the Bv=0 level of XeCl. Appl.Phys. B 32, 193-198 (1983) PACS:42.55 82.50
- Bourne O.L., Alcock A.J.: Simplified technique for subnanosecond pulse generation and injection mode-locking of a XeCl laser. Appl.Phys. B 36, 181-185 (1985) PACS:42.55 42.65 78.30
- Brimacombe R.K., Reid J., Znotins T.A.: Gain dynamics of the 4.3 μm CO₂ laser. Appl.Phys. B 36, 115-124 (1985) PACS:42.55 42.60
- Brito Cruz C.H., Loureiro V., Tavares A.D., Scalabrin A.: Characteristics of a wire preionized nitrogen laser with helium as buffer gas. Appl.Phys. B 35, 131-133 (1984) PACS:42.55
- Cefalas A.C., King T.A.: Injection locking of ArF excimer lasers. Appl.Phys. B 37, 159-164 (1985) PACS:42.55 42.60
- Corkum P.B., Taylor R.S.: Picosecond gain and kinetic studies in XeCl. Appl.Phys. B 28, 248 (1982) PACS:42.55 42.70
- Dahlbacka G., Dukart R., Fortner R., Dietrich D., Stewart R.: Imploding Z pinch X-ray laser. Appl.Phys. B 28, 152-153 (1982) PACS:42.55
- Dang C., Reid J., Garside B.K.: Detailed vibrational population distributions in a CO₂ laser discharge as measured with a tunable diode laser. Appl.Phys. B 27, 145-151 (1982) PACS:42.55 52.25
- Dang C., Reid J., Garside B.K.: Dynamics of the CO₂ lower laser levels as measured with a tunable diode laser. Appl.Phys. B 31, 163-172 (1983) PACS:42.55 34.50
- Diegelmann M., Proch D., Zhao Zhensheng: Discharge pumped ClF laser at 285 nm. Appl.Phys. B 40, 49-58 (1986) PACS:42.55 82.30 42.60
- Duxbury G., Petersen J.C.: Optically pumped submillimetre laser action in formaldehyde and ammonia. Appl.Phys. B 35, 127-129 (1984) PACS:42.55

- Dyer P.E., Monk P.:
A repetitively pulsed sealed-TE CO₂ laser using an oxygen tolerant discharge scheme.
Appl. Phys. B 26, 169-172 (1981) PACS:42.55
- Eichler H.J., Koch H., Molt R., Qiu J.L., Martin W.:
Optimization of the UV CuII laser.
Appl. Phys. B 26, 49-56 (1981) PACS:42.55 52.80
- Eichler H.J., Koch H., Seedorf R., Sellinger M.:
Population densities and optical gain of VUV transitions of CuII in Cu-He hollow cathode discharges.
Appl. Phys. B 36, 5-10 (1985) PACS:42.55 52.25 52.80
- Fischer E., Rozkwitalski Z.N., Kneubühl F.K.:
Plasmadynamic recombination laser.
Appl. Phys. B 29, 144 (1982) PACS:42.55
- Fischer E., Kopiczynski T., Rozkwitalski Z., Kneubühl F.K.:
MPD Arcs as plasma sources for recombination lasers.
Appl. Phys. B 38, 79-89 (1985) PACS:42.55 42.60 52.25
- Gerck E., Füll E.:
Infrared exciplex emission with I(2P_{1/2}).
Appl. Phys. B 28, 284-285 (1982) PACS:42.55
- Graf F., Pleininger G., Penzkofer A.:
Analysis of temporal pulse development in passively mode-locked lasers.
Appl. Phys. B 34, 123-128 (1984) PACS:42.55 42.60 42.65
- Gu Z.-y., Wang S.-y., Proch D., Rebentrost F., Weber H., Kompa K.L.:
Kinetic studies of Ar2F* in fast transverse-discharge-excited He-Ar-F2 mixtures.
Appl. Phys. B 31, 157-161 (1983) PACS:42.55 52.80
- Harrison R.G., Taghizadeh M.R., Kar A.K., Gupta P.K.:
Efficient multi-kW mid infra-red difference frequency generated in CdGeAs₂.
Appl. Phys. B 28, 237-238 (1982) PACS:42.55
- Heckenberg N.R., Renton B.J., Shanahan S.T., Wright W.:
Mode selection in an unstable-resonator TEA CO₂ laser by injection from a waveguide laser.
Appl. Phys. B 29, 67-72 (1982) PACS:42.55 42.60
- Helman J.S., Rau C., Bunge C.F.:
Implementation of a metastable-state X-ray laser.
Appl. Phys. B 29, 144 (1982) PACS:42.55
- Heppner J., Solajic Z., Merkle G.:
Bistability and passive Q-switching of a CO₂ laser with saturable absorber.
Appl. Phys. B 35, 77-82 (1984) PACS:42.55 42.65
- Herrmann J., Motschmann U.:
Theory of the synchronously pumped picosecond dye laser.
Appl. Phys. B 27, 27-37 (1982) PACS:42.55 42.60
- Herrmann J., Weidner F.:
Theory of passively mode-locked CW dye lasers.
Appl. Phys. B 27, 105-113 (1982) PACS:42.55 42.60
- Herrmann J., Weidner F., Wilhelm B.:
Theory of passive mode-locking of CW dye lasers with contacted and non-contacted absorbers.
Appl. Phys. B 26, 197-202 (1981) PACS:42.55
- Honda C., Maeda M., Nishimura K., Muraoka K., Akazaki M.:
Determination of velocity distribution of metallic atoms in plasma devices with a rapid-frequency-scan dye laser.
Appl. Phys. B 33, 171-177 (1984) PACS:42.55 52.70
- Ioli N., Panchenko V., Pellegrino M., Strumia F.:
Amplification and saturation in a CO₂ waveguide amplifier.
Appl. Phys. B 38, 23-30 (1985) PACS:42.55 42.60 42.80
- Ishida Y., Iwasaki N., Asami K., Yajima T., Maruyama Y.:
Tunable picosecond pulses from a short-cavity dye laser under ultra-high pressure using diamond-anvil cell.
Appl. Phys. B 38, 159-163 (1985) PACS:42.55 06.60 07.35
- Iyoda M., Imai Y., Sato S., Fujitaka T., Saito H., Watanabe K., Taira T.:
High-power closed-cycle CW TE CO laser at relatively high temperature.
Appl. Phys. B 28, 285-286 (1982) PACS:42.55
- Jain K., Newton S.A.:
Operating characteristics of UV and IR hollow-cathode silver, gold and copper ion lasers.
Appl. Phys. B 26, 43-48 (1981) PACS:42.55 34.70 42.60
- Kar A.K., Harrison R.G., Emshary C.A., Tratt D.M., Smith S.D.:
Anomalous polarization coupling in TEA CO₂ lasers.
Appl. Phys. B 29, 145-146 (1982) PACS:42.55
- Kaschke M., Stamm U., Vogler K.:
Subpicosecond pulse generation in synchronously pumped energy transfer dye lasers.
Appl. Phys. B 39, 183-186 (1986) PACS:42.55 42.60
- Kauppinen J.:
A simple method for single-frequency operation and stabilization of a He-Ne laser.
Appl. Phys. B 26, 193-195 (1981) PACS:42.55
- Koprnikov I.G., Stamenov K.V., Stankov K.A.:
Intense laser generation from an atomic-fluorine laser.
Appl. Phys. B 33, 235-238 (1984) PACS:42.55
- Krökel D., Hube M., Luhs W., Wellegehausen B.:
Continuous laser emission from sodium atoms by collisional assisted two-step excitation.
Appl. Phys. B 37, 137-140 (1985) PACS:42.55 34.00
- Kühnle D., Herpers U., Linde D. von der:
Characteristics of a hybridly mode-locked CW dye laser.
Appl. Phys. B 38, 233-240 (1985) PACS:42.55 42.65
- Kurizki G., Melver J.K.:
Emission of X-ray and gamma-ray radiation by axially channelled relativistic electrons and positrons.
Appl. Phys. B 29, 157-158 (1982) PACS:42.55
- Lakshman S.V.J., Moorthy L.R.:
Spectral studies of Nd³⁺ and Er³⁺ ions in POC13:SnCl₄ laser liquid.
Appl. Phys. A 38, 285-291 (1985) PACS:42.55
- Lawandy N.M.:
A new method of measuring ultra-short coherent light pulses.
Appl. Phys. B 27, 177-181 (1982) PACS:42.55
- Lee W., Ning C., Huang Z.:
Shortening of travelling-wave-amplified spontaneous emission by a transversal pumping scheme.
Appl. Phys. B 40, 35-38 (1986) PACS:42.55 82.50
- Leupacher W., Penzkofer A.:
Temporal analysis of a mode-locked Nd-glass laser by four-wave mixing.
Appl. Phys. B 29, 263-267 (1982) PACS:42.55 42.65 42.80
- Linde D. von der:
Characterization of the noise in continuously operating mode-locked lasers.
Appl. Phys. B 39, 201-217 (1986) PACS:42.55 42.80
- Linde D. von der, Malvezzi A.M.:
Intracavity self-phase modulation and compression in mode-locked lasers.
Appl. Phys. B 37, 1-6 (1985) PACS:42.55 42.80
- Lin T.X., Rohrbeck W., Urban W.:
Long wavelength operation of a CW CO-laser up to 8.18 μ m.
Appl. Phys. B 26, 73-76 (1981) PACS:42.55
- Liu J.-b.:
Laser action in a gallium hollow cathode discharge.
Appl. Phys. B 29, 251-253 (1982) PACS:42.55 34.70
- Liu J.-b.:
Investigation of hollow cathode GeII and TeII lasers.
Appl. Phys. B 32, 211-215 (1983) PACS:42.55 34.70
- Luches A., Nassisi V., Perrone M.R.:
Determination of the unsaturated losses and of the saturation intensity in the KrCl excimer laser.
Appl. Phys. B 40, 115-120 (1986) PACS:42.55 42.60
- Luchini P., Papas C.H., Solimeno S.:
On the theory of electron motion due to superposed EM waves and its application to the free-electron laser with linear polarization.
Appl. Phys. B 28, 15-20 (1982) PACS:42.55 41.00
- Lu M., Sargent III M.:
Effects of signal detuning on two-photon phase conjugation.
Appl. Phys. B 28, 255 (1982) PACS:42.55
- Lüthy W.:
Lasers excited by photodissociation: The thalliumiodide laser.
Appl. Phys. B 40, 121-132 (1986) PACS:42.55 32.80 33.20
- Marowsky G., Nishida N., Tittel F.K., Wilson W.L., Zhu Y.:
Wideband tuning of the blue-green XeF(C⁻A) laser.
Appl. Phys. B 37, 205-207 (1985) PACS:42.55 42.60
- Martini F.de, Foresti M.:
The free-electron coherent relativistic scatter for UV generation (corscat).
Appl. Phys. B 28, 153 (1982) PACS:42.55
- Masilamani V., Pozzi L., Docchio F.:
An oscillator-amplifier distributed feedback dye laser system, pumped by a single TEA N₂ laser.
Appl. Phys. B 37, 35-39 (1985) PACS:42.55
- May P.G., Sibbett W., Taylor J.R.:
Subpicosecond pulse generation in synchronously pumped and hybrid ring dye lasers.
Appl. Phys. B 26, 179-183 (1981) PACS:42.55 42.60
- Michau V., Rougemont F.de, Frey R.:
Tunable and high-energy Q-switched operation of an alexandrite slave ring laser.
Appl. Phys. B 39, 219-222 (1986) PACS:42.55 42.60
- Midorikawa K., Shimizu K., Tashiro H., Namba S.:
High-power, line-tunable 14NH₃ and 15NH₃ lasers.
Appl. Phys. B 38, 185-189 (1985) PACS:42.55 42.60
- Mima K., Taguchi T.:
Two dimensional analysis of free electron laser.
Appl. Phys. B 29, 158 (1982) PACS:42.55
- Nachshon Y., Tittel F.K.:
A new blue-green XeF(C⁻A) excimer laser amplifier concept.
Appl. Phys. B 35, 227-231 (1984) PACS:42.55 42.60
- Neiger M., Popp H.-P., Schmidt E.:
Origin of laser-output noise of cathaphoric HeSe⁺ lasers.
Appl. Phys. B 28, 373-381 (1982) PACS:42.55 42.80 52.00
- Neiger M., Kaesler W., Popp H.-P.:
Inversion of atomic resonance transitions by electron collisional dissociation.
Appl. Phys. B 37, 73-78 (1985) PACS:42.55 42.60 51.70

- Nikolaus B., Schmitt K.:
Picosecond configuration relaxation in the $1T_{1u}$ -state of Ag⁺ centers in KI.
Appl. Phys. B 36, 213-216 (1985) PACS:42.55 78.55
- Pantell R.H., Smith T.I.:
Laser-driven electron accelerators.
Appl. Phys. B 28, 154 (1982) PACS:42.55
- Pascale M.P., Giordano G., Matone G., Picozza P., Caloi R., Casano L., Mattioli M., Schaef F.:
High energy photon beam production by head-on collision of laser light against relativistic electrons.
Appl. Phys. B 28, 151 (1982) PACS:42.55
- Penzkofer A., Härtinger F., Wiedmann J.:
Single picosecond-pulse generation in a mode-locked oscillator and regenerative amplifier system.
Appl. Phys. B 26, 239-242 (1981) PACS:42.55
- Perry B., Rabinowitz P.:
Autosynchronized pulse generation.
Appl. Phys. B 28, 287 (1982) PACS:42.55
- Petersen J.C., Duxbury G.:
Observation and assignment of submillimetre laser lines from CH₃OH pumped by isotopic CO₂ lasers.
Appl. Phys. B 27, 19-25 (1982) PACS:42.55
- Petersen J.C., Duxbury G.:
Submillimetre laser lines from CH₃OH pumped by a ¹³C18O₂ pump laser: Observations and assignments.
Appl. Phys. B 34, 17-21 (1984) PACS:42.55
- Petersen J.C., Duxbury G.:
New submillimetre laser lines from CH₃OD and CD₃OD.
Appl. Phys. B 37, 209-211 (1985) PACS:42.55
- Pidgeon C.R., Firth W.J., Vass A., Davis B.W.:
Two-photon light shift and dispersion in CW FIR lasers.
Appl. Phys. B 28, 288-289 (1982) PACS:42.55
- Pollard H.J., Elsaesser T., Seilmeier A., Kaiser W., Kussler M., Marx N.J., Sens B., Drexhage K.H.:
Picosecond dye laser emission in the infrared between 1.4 and 1.8 μ m.
Appl. Phys. B 32, 53-57 (1983) PACS:42.55 42.60
- Preiswerk H.P., Rozkwitalski Z., Kneubühl F.K.:
Mode structure and optimization of distributed-feedback waveguide gas lasers.
Appl. Phys. B 28, 284 (1982) PACS:42.55
- Preiswerk H.P., Lubanski M., Kneubühl F.K.:
Group theory and experiments on helical and linear distributed feedback gas lasers. Theory and realization.
Appl. Phys. B 33, 115-131 (1984) PACS:42.55 02.20 42.60
- Pruss D., Huber G., Belmowski A., Laptov V.V., Shcherbakov I.A., Zharikov Y.V.:
Efficient Cr³⁺ sensitized Nd³⁺:GdScGa-garnet laser at 1.06 μ m.
Appl. Phys. B 28, 355-358 (1982) PACS:42.55 78.55
- Rinke G.:
Population inversion in thallium by flashlamp-photodissociation of TlI.
Appl. Phys. B 32, 83-84 (1983) PACS:42.55 33.80
- Robinson K.E., Deacon D.A.G., Macey J.M.J., Velghe M.F., Bazin C., Bergher M., Billardon M., Petroff Y.:
Characterization of free-electron laser bunch lengthening on the ACO storage ring.
Appl. Phys. B 36, 41-52 (1985) PACS:42.55 29.20 41.80
- Rocca J.J., Meyer J.D., Yu Z.-Q., Collins G.J.:
CW ion lasers pumped by electron beams.
Appl. Phys. B 28, 239 (1982) PACS:42.55
- Rudolph W., Wilhelm B.:
Calculation of light pulses with chirp in passively mode-locked lasers taking into account the phase memory of absorber and amplifier.
Appl. Phys. B 35, 37-44 (1984) PACS:42.55 42.65
- Rutt H.N.:
Heterodyne frequency offset locking of a miniature TEA laser.
Appl. Phys. B 28, 286 (1982) PACS:42.55
- Schützlein E., Walter W., Sauerbrey R., Langhoff H.:
The He/C12 laser at 258 nm.
Appl. Phys. B 27, 49-55 (1982) PACS:42.55 34.00 33.00
- Schmiele R., Lüthy W., Henchoz P.-D., Weber H.P.:
Miniaturization of a thalliumiodide photodissociation laser.
Appl. Phys. B 29, 201-203 (1982) PACS:42.55 42.60
- Schomburg H., Döbele H.F., Rüdke B.:
Generation of tunable narrow-bandwidth VUV radiation by anti-Stokes SRS in H₂.
Appl. Phys. B 30, 131-134 (1983) PACS:42.55 42.65
- Scott S.J., Smith A.L.S.:
Identification of the origins of photoionisation in CO₂ TEA lasers.
Appl. Phys. B 33, 1-5 (1984) PACS:42.55 33.80 52.80
- Selfridge R., Dienes A.:
Synchronously pumped double mode-locking of a rhodamine 6G-cresyl violet mixture.
Appl. Phys. B 37, 7-9 (1985) PACS:42.55 42.60
- Shahdin S., Wellegehausen B., Ma Z.G.:
Ultra-violet excited laser emission in Na₂.
Appl. Phys. B 29, 195-200 (1982) PACS:42.55 35.00
- Shields H., Alcock A.J.:
XeCl fluorescence and absorption in self-sustained discharge XeCl lasers.
Appl. Phys. B 35, 167-172 (1984) PACS:42.55
- Shields H., Giannelli J., Smith A.L.S.:
X-ray preionized CO₂ laser.
Appl. Phys. B 37, 219-221 (1985) PACS:42.55 33.80 52.80 42.60
- Sibbett W., Taylor J.R.:
Tunable picosecond pulse generation from passively mode-locked coumarin 6 dye laser.
Appl. Phys. B 29, 191-193 (1982) PACS:42.55 42.60
- Silvest W.T., Wood II O.R., Macklin J.J.:
CW laser action in a cadmium vapor arc.
Appl. Phys. B 29, 147 (1982) PACS:42.55
- Sizer II Th., Kafka J.D., Gable C., Mourou G.:
Generation and amplification of 70 fs pulses using a frequency doubled Nd:YAG pumping source.
Appl. Phys. B 28, 248 (1982) PACS:42.55 42.70
- Skatrud D.D., Lucia F.C.de:
Excitation, inversion, and relaxation mechanisms of the HCN FIR discharge laser.
Appl. Phys. B 35, 179-193 (1984) PACS:42.55 34.50 35.80
- Slater J., Quimby D., Nelson L., Center R., Churchill T., Adamski J.:
Tapered wiggler FEL verification experiment.
Appl. Phys. B 28, 153-154 (1982) PACS:42.55
- Smith A.L.S., Mellis J.:
Scaling and performance of CO₂ lasers at supra-atmospheric pressure.
Appl. Phys. B 37, 171-179 (1985) PACS:42.55 42.60 58.80
- Solajic Z., Heppner J.:
CW and pulsed FIR-CO₂ hybrid laser with improved efficiency and amplitude stability at short FIR wavelengths.
Appl. Phys. B 33, 23-27 (1984) PACS:42.55 42.60
- Stephan-Rossbach K.H., Comes F.J.:
Atom recombination, a new mechanism for chemical lasers.
Appl. Phys. B 29, 147-148 (1982) PACS:42.55
- Struve B., Huber G., Laptov V.V., Shcherbakov I.A., Zharikov E.V.:
Tunable room-temperature CW laser action in Cr³⁺:GdScGa-garnet.
Appl. Phys. B 30, 117-120 (1983) PACS:42.55 78.40
- Südo A.S.:
Characterization of relaxation oscillation pulses from semiconductor diode lasers.
Appl. Phys. B 29, 155 (1982) PACS:42.55
- Süsse K.-E., Weidner F.:
Pulse generation by distributed feedback dye lasers.
Appl. Phys. B 37, 99-106 (1985) PACS:42.55
- Szabo G., Racz B., Müller A., Nikolaus B., Bor Zs.:
Travelling-wave-pumped ultrashort-pulse distributed-feedback dye laser.
Appl. Phys. B 34, 145-147 (1984) PACS:42.55
- Tachikawa M., Tani K., Kajita M., Shimizu T.:
Undamped undulation superposed on the passive Q-switching pulse of a CO₂ laser.
Appl. Phys. B 39, 83-90 (1986) PACS:42.55 42.65
- Tashiro H., Souma H., Toyoda K., Namba S.:
Pressure dependence of laser oscillation and superfluorescent emission from an optically pumped CF₄ laser.
Appl. Phys. B 34, 37-41 (1984) PACS:42.55
- Taylor R.S., Corkum P.B.:
A one Joule, XeCl pumped dye laser.
Appl. Phys. B 26, 31-32 (1981) PACS:42.55
- Taylor R.S., Mikhailov S.:
Excited singlet-state absorption in laser dyes at the XeCl wavelength.
Appl. Phys. B 38, 131-137 (1985) PACS:42.55 35.20
- Telle H.R.:
Tunable CW laser oscillation of NdP₅O₁₄ at 1.3 μ m.
Appl. Phys. B 35, 195-198 (1984) PACS:42.55
- Temps F., Wagner H.Gg.:
Strong far-infrared laser action in carbonyl fluoride and vinyl fluoride.
Appl. Phys. B 29, 13-14 (1982) PACS:42.55
- Tittel F.K., Sauerbrey R., Walter W., Wilson Jr W.L.:
Xe₂F₂ excimer emission studies using electron-beam excitation.
Appl. Phys. B 29, 148 (1982) PACS:42.55
- Trtica M., Babarogic Z.:
Further study of continuous-wave CO flame chemical laser of the CS₂/O₂/N₂O type.
Appl. Phys. B 30, 29-33 (1983) PACS:42.55 42.60
- Trtica M., Babarogic Z.:
Experimental study of CW carbon monoxide flame chemical laser of the CS₂/O₂/CO₂ type.
Appl. Phys. B 37, 87-91 (1985) PACS:42.55 42.60
- Vass A., Davis B.W., Firth W.J., Pidgeon C.R.:
Dispersion in a CW optically pumped FIR laser.
Appl. Phys. B 29, 131-134 (1982) PACS:42.55
- Vass A., Wood R.A., Davis B.W., Pidgeon C.R.:
Relaxation oscillations in CW optically pumped CO₃OD and 15NH₃ lasers.
Appl. Phys. B 27, 187-190 (1982) PACS:42.55

- Walter W., Langhoff H., Sauerbrei R.:
Improved gain on the $\text{Cl}_2(\text{D}^3\text{phig}-\text{A}^3\text{phiu})$ transition at 258 nm by halogen donor mixing.
Appl. Phys. B 35, 11-15 (1984) PACS:42.55
- Wang Z.G., Xia H.R., Ma L.S., Lin Y.Q., Cheng I.S.:
Optically pumped lasers between high-lying states in the sodium dimer.
Appl. Phys. B 37, 233-238 (1985) PACS:42.55 33.00
- Wazen P., Lourtioz J.-M.:
Power enhancement of the CW 12.08 μm NH_3 Raman laser with the addition of H_2/He buffer gases.
Appl. Phys. B 32, 105-111 (1983) PACS:42.55

42.60 Laser systems and laser beam applications

- Andreoni A., Cubeddu R., Cova S., Longoni A.:
High resolution single-photon measurements of fluorescent decays with solid-state detectors and synchronously pumped mode-locked lasers.
Appl. Phys. B 28, 173-174 (1982) PACS:42.60 07.65
- Baving H.J., Muuss H., Skolaut W.:
CW dye laser operation at 200 W pump power.
Appl. Phys. B 29, 19-21 (1982) PACS:42.60
- Becker W., Louisell W.H., McCullen J.D., Schlicher R., Scully M.O.:
Nuclear β -decay in strong laser fields.
Appl. Phys. B 28, 310 (1982) PACS:42.60 29.00
- Behn R., Dupertuis M.A., Kjelberg I., Morgan P.D., Okada T., Siegrist M.R.:
A high power D2O laser optimised for microsecond pulse duration.
Appl. Phys. B 29, 143 (1982) PACS:42.60
- Bloomfield L.A., Couillaud B., Dabkiewicz Ph., Gerhardt H., Hänsch T.W.:
High resolution UV-laser spectroscopy of the $2\ 3\text{S}-5\ 3\text{P}$ transition in ^3He .
Appl. Phys. B 28, 202 (1982) PACS:42.60
- Bokor J., Freeman R.R., Cooke W.E.:
Selective autoionization. A new method for producing population inversion in atomic ions.
Appl. Phys. B 28, 200 (1982) PACS:42.60
- Bor Zs., Müller A., Racz B., Schäfer F.P.:
Ultrashort pulse generation by distributed feedback dye lasers I. Temporal characteristics.
Appl. Phys. B 27, 9-14 (1982) PACS:42.60 42.55
- Bor Zs., Müller A., Racz B., Schäfer F.P.:
Ultrashort pulse generation by distributed feedback dye lasers II. Energy characteristics.
Appl. Phys. B 27, 77-81 (1982) PACS:42.60 42.55
- Bor Zs., Schäfer F.P.:
New single-pulse generation technique for distributed feedback dye lasers.
Appl. Phys. B 31, 209-213 (1983) PACS:42.60 42.55
- Boscolo I., Stagno V.:
Inhomogeneous broadening effects in optical klystrons operating with accelerating devices without radiative damping.
Appl. Phys. B 37, 229-232 (1985) PACS:42.60 42.55
- Brito Cruz C.H., Martini F.de, Mataloni P., Palange E.:
The self-injected laser for high power short pulse generation.
Appl. Phys. B 28, 175 (1982) PACS:42.60 07.65
- Brito Cruz C.H., Palange E., Martini F.de:
A study of the self-injected laser for subnanosecond pulse generation.
Appl. Phys. B 35, 95-104 (1984) PACS:42.60
- Brogli M., Zampetti P., Benetti P.:
Single longitudinal mode interaction between a uranium atomic beam and a modified Hänsch-type pulsed dye laser.
Appl. Phys. B 39, 73-76 (1986) PACS:42.60
- Broyer M., Chevalerey J., Delacretaz D., Wöste L.:
CVL-pumped dye laser for spectroscopic application.
Appl. Phys. B 35, 31-36 (1984) PACS:42.60 33.00 36.00
- Bucksbaum P.H., Bokor J., White J.C., Storz R.H.:
A picosecond, tunable KrF^* excimer laser source.
Appl. Phys. B 28, 128 (1982) PACS:42.60
- Carr I.D., Hanna D.C.:
Performance of a Nd:YAG oscillator/amplifier with phase-conjugation via stimulated Brillouin scattering.
Appl. Phys. B 36, 83-92 (1985) PACS:42.60 42.65 62.65
- Cartaleva St.St., Gateva S.V., Kolarov G.V.:
Simple single-frequency He-Ne laser.
Appl. Phys. B 40, 153-155 (1986) PACS:42.60 42.55
- Catherall J.M., Radmore P.M., New G.H.C.:
A new approach to the theory of mode-locking by synchronous pumping.
Appl. Phys. B 28, 176 (1982) PACS:42.60 07.65
- Chebotaev V.P., Goldort V.G., Klementyev V.M., Nikitin M.V., Timchenko B.A., Zakhar'yash V.F.:
Development of an optical time scale.
Appl. Phys. B 29, 63-65 (1982) PACS:42.60 42.80
- Chebotaev V.P., Marenniko S.I., Smirnov V.A.:
Application of LiF crystals with F_2^- colour centers.
Appl. Phys. B 31, 193-199 (1983) PACS:42.60 42.65
- Chebotaev V.P., Klementyev V.M., Nikitin M.V., Timchenko B.A., Zakhar'yash V.F.:
Comparison of frequency stabilities of the Rb standard and of the He-Ne/ CH_4 laser stabilized to the E line in methane.
Appl. Phys. B 36, 59-61 (1985) PACS:42.60 42.80
- Chen J.K., Wu C.Y.R., Kim C.C., Judge D.L.:
Generation of coherent ultraviolet radiation in the 330 nm region by multiphoton excitation of sodium vapor.
Appl. Phys. B 33, 155-160 (1984) PACS:42.60 42.65
- Chiu M.S., Chou C.C.:
New UV and visible laser transitions of chlorine, oxygen, nitrogen, and titanium.
Appl. Phys. B 28, 130 (1982) PACS:42.60
- Collins C.B., Lee F.W., Shemwell D.M., DePaola B.D., Olariu S., Popescu I.I.:
Prospects for the pumping of a gamma ray laser with intense optical radiation.
Appl. Phys. B 28, 203-204 (1982) PACS:42.60
- Couillaud B., Ducasse A., Freysz E., Sarger L., Xiong L.Y.:
Injected CW ring dye laser for high single mode intracavity power application to the generation of coherent CW UV radiation.
Appl. Phys. B 29, 143-144 (1982) PACS:42.60
- Diels J.-C., Fontaine J.J., McMichael I.C., Wang C.Y.:
Experimental and theoretical study of the mutual interaction of subpicosecond pulses in absorbing and gain media.
Appl. Phys. B 28, 172-173 (1982) PACS:42.60 07.65
- Dinev S.G., Daniel H.-U., Walther H.:
Cadmium iodide molecular and atomic photodissociation lasers.
Appl. Phys. B 28, 128 (1982) PACS:42.60
- Dinev S.G., Koprnikov I.G., Stefanov I.L.:
Molecular enhanced four-wave parametric generation in a sodium atom.
Appl. Phys. B 39, 65-72 (1986) PACS:42.60 42.65
- Du Y.C., Kempfer U., Piglmayer K., Bäuerle D.:
New types of periodic structures in laser-induced chemical vapor deposition.
Appl. Phys. A 39, 167-171 (1986) PACS:42.60 81.15 68.20
- Eidmann K., Maaswinkel A.G.M., Sigel R., Witkowski S.:
Intensity scaling of foil acceleration by laser irradiation.
Appl. Phys. B 28, 295 (1982) PACS:42.60 61.80
- Ellemaume P., Deacom D.A.G.:
Transverse mode dynamics in a free-electron laser.
Appl. Phys. B 33, 9-16 (1984) PACS:42.60 42.20 42.55
- Fork R.L., Shank C.V., Yen R., Hirlimann C., Tomlinson W.J.:
Femtosecond continuum pulses.
Appl. Phys. B 29, 176 (1982) PACS:42.60
- Garrett W.R., Payne M.G., Ferrell W.R., Miller J.C., Compton R.N.:
Cooperative effects on multiphoton ionization near three-photon resonances: Experiment and theory.
Appl. Phys. B 29, 164-165 (1982) PACS:42.60
- Gaupp A.:
One dimensional simulation of an isochronous storage ring free electron laser.
Appl. Phys. B 29, 157 (1982) PACS:42.60
- Golub I., Erez G., Shuker R.:
Simultaneous operation of distributed feedback and grating tuned dye lasers.
Appl. Phys. B 31, 75-78 (1983) PACS:42.60 42.55
- Hamadani S.M., Soltanmoradi F., Marvasti M.H., Maddah F., Farsad H., Atighechi K., Yaraghi A.A.:
IRAN-1, a carbon dioxide laser system for plasma interaction studies.
Appl. Phys. B 29, 186 (1982) PACS:42.60
- Harrach R.J., Szoke A.:
Laser-accelerated disks for EOS studies.
Appl. Phys. B 28, 296 (1982) PACS:42.60 62.00
- Hilbig R., Wallenstein R.:
Generation of narrowband tunable VUV radiation.
Appl. Phys. B 28, 202-203 (1982) PACS:42.60
- Hribek P., Kubecek V., Vrbos M.:
Picosecond Nd:glass laser system with plasma mirror.
Appl. Phys. B 29, 177 (1982) PACS:42.60
- Jain K., Willson C.G., Lin B.J.:
Ultrafast deep UV lithography with excimer lasers.
Appl. Phys. B 28, 206-207 (1982) PACS:42.60
- Jopson R.M., Freeman R.R., Bokor J.:
4-wave sum frequency generation below 100 nm Hg vapor.
Appl. Phys. B 28, 203 (1982) PACS:42.60
- Kane D.M., Bramwell S.R., Ferguson A.I.:
Comparison of FM dye lasers in standing-wave and ring configuration.
Appl. Phys. B 40, 147-151 (1986) PACS:42.60 06.00
- Kerr G.A., Robertson N.A., Hough J., Man C.N.:
The fast frequency stabilisation of an argon laser to an optical resonator using an extra-cavity electro-optic modulator.
Appl. Phys. B 37, 11-16 (1985) PACS:42.60 07.60

- Knox W., Mourou G., Nordlund T.M.:
Applications of the jitter-free signal averaging streak camera in solid state physics, biophysics, and chemistry.
Appl. Phys. B 28, 174-175 (1982) PACS:42.60 07.65
- Kvasnik F., King T.A.:
Comparative performance and tuning of pulsed discharge pumped mercurous halide lasers.
Appl. Phys. B 28, 129 (1982) PACS:42.60
- Lazzaro P., Palange E., Brito Cruz C.H.:
Design of a self-injected unstable cavity Nd:YAG laser.
Appl. Phys. B 39, 131-134 (1986) PACS:42.60
- Levenson M.D.:
The applications of phase conjugate wavefront generation to fine line lithography.
Appl. Phys. B 28, 206 (1982) PACS:42.60
- Marowsky G., Albers E., Hohla K.:
Helical excimer laser.
Appl. Phys. B 29, 146-147 (1982) PACS:42.60
- Mendes I., Vujkovic Cvijin P., Ignjatijevic D., Milosevic G.:
Amplitude modulation of the CW laser light in the TEM_{mn} mode by means of a mechanical chopper.
Appl. Phys. B 39, 195-200 (1986) PACS:42.60 42.80
- Müller A., Schäfer F.P., Bor Zs., Racz R.:
Tunable picosecond pulse generation by distributed feedback dye lasers.
Appl. Phys. B 28, 176-177 (1982) PACS:42.60 07.65
- Müller D.F., Rothschild M., Boyer K., Rhodes C.K.:
Saturable absorbers at 193-nm.
Appl. Phys. B 28, 199-200 (1982) PACS:42.60
- Pouliny B., Lalanne J.R., Couillaud B., Ducasse A., Vaucamps C.:
Orientational dynamics in microemulsion droplets with picosecond time resolution.
Appl. Phys. B 28, 178-179 (1982) PACS:42.60 07.65
- Reiser D., Laubereau A.:
Coherence peak and excited state absorption of dye molecules.
Appl. Phys. B 28, 177-178 (1982) PACS:42.60 07.65
- Reiss H.R.:
Laser effects on nuclear beta decay.
Appl. Phys. B 28, 310 (1982) PACS:42.60 29.00
- Richardson M.C., Friedman W., Villeneuve D.M., Hoose J., Yaakobi B., Letzring S., Rizzo J., Souras J.:
Large aspect ratio target implosions with OMEGA.
Appl. Phys. B 28, 296 (1982) PACS:42.60 42.65
- Rivano V., Mazzinghi P., Burlamacchi P.:
Energy transfer in slab dye lasers.
Appl. Phys. B 35, 71-75 (1984) PACS:42.60 42.55 42.72
- Roddock I.S., Illingworth R.:
Bistable operation of a dual-wavelength synchronously mode-locked CW dye laser.
Appl. Phys. B 32, 7-8 (1983) PACS:42.60 42.80
- Rothe E.W., Mathur B.P., Reck G.P.:
Effect of resonant laser light upon a fast-atom charge-exchange source.
Appl. Phys. B 35, 233-236 (1984) PACS:42.60 07.77 34.50
- Rubinov A.N., Bushuk B.A., Murav'ov A.A., Stupak A.P.:
Picosecond spectroscopy of intermolecular interactions in dye solutions.
Appl. Phys. B 30, 99-104 (1983) PACS:42.60 07.65
- Ruddock I.S., Illingworth R.:
Bistable operation of a dual-wavelength synchronously mode-locked CW dye laser.
Appl. Phys. B 32, 7-8 (1983) PACS:42.60 42.80
- Schäfer F.P., Lee W., Szatmari S.:
Short UV laser pulse generation by quenching of resonator transients.
Appl. Phys. B 32, 123-125 (1983) PACS:42.60
- Schomburg H., Döbele H.F., Rückle B.:
Tunable narrow line amplification in ArF* and anti-Stokes production around 179 nm.
Appl. Phys. B 28, 201 (1982) PACS:42.60
- Schubert D., Schwarz J., Wabnitz H., Wilhelm B.:
Measurement of level kinetics and reorientation processes with high time resolution.
Appl. Phys. B 28, 179 (1982) PACS:42.60 07.65
- Scott G., Smith A.L.S.:
Effective and simplified hybrid TEA laser design and operation.
Appl. Phys. B 33, 99-101 (1984) PACS:42.60 42.55
- Shaw M.J., O'Neill F., Edwards C.B., Nicholas D.J., Craddock D.:
SPRITE - a 250 J KrF laser.
Appl. Phys. B 28, 127 (1982) PACS:42.60
- Shaw M.J.:
The bi-directional amplifier in the constant intensity approximation and its application to KrF lasers.
Appl. Phys. B 30, 5-10 (1983) PACS:42.60
- She C.Y.:
Proposal for the measuring molecular velocity vector with single-pulse coherent Raman spectroscopy.
Appl. Phys. B 32, 49-52 (1983) PACS:42.60 42.65
- Slatkine M., Bigio I.J., Feldman B.J., Fisher R.A.:
Selective first-Stokes stimulated Raman scattering in liquid N₂ with an XeF laser.
Appl. Phys. B 28, 125 (1982) PACS:42.60
- Srinivasan T., Egger H., Boyer K., Pummer H., Rhodes C.K., Luk T.S., Müller D.F.:
Generation of tunable, coherent XUV radiation by frequency mixing and generation of intense, picosecond ArF laser pulses.
Appl. Phys. B 28, 198-199 (1982) PACS:42.60
- Stankov K.A.:
Laser resonator with ultrabroad longitudinal mode spacing.
Appl. Phys. B 40, 103-105 (1986) PACS:42.60
- Stoilov Yu.Yu.:
Prospects for vapor-phase dye lasers.
Appl. Phys. B 33, 63-74 (1984) PACS:42.60 78.30 78.60
- Sundström V., Gillbro T.:
A discussion of the problem of determining multiple lifetimes from picosecond absorption recovery data as encountered in two carbocyanine dyes.
Appl. Phys. B 31, 235-247 (1983) PACS:42.60 42.65 61.60
- Szabo G., Bor Zs., Müller A.:
Amplification and measurement of single 1.6-3.5 ps pulses generated by a distributed feedback dye laser.
Appl. Phys. B 31, 1-4 (1983) PACS:42.60
- Szatmari S., Bor Zs.:
Directional and wavelength sweep of distributed-feedback dye-laser pulses.
Appl. Phys. B 34, 29-31 (1984) PACS:42.60
- Szatmari S., Schäfer F.P.:
Excimer-laser-pumped ps-dye laser.
Appl. Phys. B 33, 95-98 (1984) PACS:42.60
- Szatmari S., Schäfer F.P.:
Picosecond gain dynamics of KrF.
Appl. Phys. B 33, 219-223 (1984) PACS:42.60
- Tavares Jr A.D., Fellows C.E., Massone C.A.:
A new simple model for high-power pulsed gas lasers.
Appl. Phys. B 38, 259-262 (1985) PACS:42.60
- Tittel F.K., Wilson Jr W.L., Williams R.A., Marowsky G.:
Spontaneous and stimulated emission characteristics of the excimer Xe2Br.
Appl. Phys. B 28, 126 (1982) PACS:42.60
- Uehara K.:
Alternate intensity modulation of a dual-wavelength He-Ne laser for differential absorption measurements.
Appl. Phys. B 38, 37-40 (1985) PACS:42.60
- Waynant R.W.:
Vacuum ultraviolet laser emission from Nd:3:LaF₃.
Appl. Phys. B 28, 205 (1982) PACS:42.60
- Weiss C.O., Godone A.:
Extension of frequency measurements with Schottky diodes to the 4 THz range.
Appl. Phys. B 27, 167-168 (1982) PACS:42.60 07.60
- Weiss C.O., Godone A.:
High-order harmonic mixing with Schottky diodes in the FIR region.
Appl. Phys. B 35, 199-200 (1984) PACS:42.60 07.60
- Werner J., Rothe K.W., Walther H.:
Monitoring of the stratospheric ozone layer by laser radar.
Appl. Phys. B 32, 113-118 (1983) PACS:42.60 92.60 92.65
- White J.C., Henderson D.:
Anti-Stokes Raman laser.
Appl. Phys. B 28, 124 (1982) PACS:42.60
- White J.C., Henderson D.:
Efficiency studies of the thallium anti-Stokes Raman laser.
Appl. Phys. B 28, 124 (1982) PACS:42.60
- White J.C., Henderson D.:
A 178 nm iodine anti-Stokes Raman laser.
Appl. Phys. B 28, 125 (1982) PACS:42.60
- Wondrazek F., Seilmeier A., Kaiser W.:
Picosecond light-pulses tunable from the violet to the near infrared.
Appl. Phys. B 32, 39-42 (1983) PACS:42.60 42.65
- Zenteno L.A., Avramopoulos H., New G.H.C.:
Detailed analysis of active mode-locking.
Appl. Phys. B 40, 141-146 (1986) PACS:42.60
- Zhu X.-h., Liu J.-b., Lin F.-c.:
Laser action of C, N, O, F, Cl, and Br in hollow cathode discharges.
Appl. Phys. B 29, 111-115 (1982) PACS:42.60 34.70
- Zhu X.-h., Lin F.-c.:
Atomic nitrogen laser action in a hollow cathode discharge.
Appl. Phys. B 26, 227-229 (1981) PACS:42.60 34.70

42.65 Nonlinear optics

- Al-Saidi I.A., Harrison R.G.:
Wavelength dependence of high-efficiency second-harmonic generation in CdGaAs₂.
Appl. Phys. B 36, 17-20 (1985) PACS:42.65 42.70 42.80

- Altshuller G.B., Ermolaev V.S., Karashev V.B., Kozlov S.A., Krylov K.I., Pavlov L.I.:
Nonlinear reflection of elliptically polarized light.
Appl.Phys. B 32, 97-100 (1983) PACS:42.65 42.10
- Arkhipkin V.G., Heller Yu.I., Popov A.K., Provov A.S.:
Frequency mixing in a gas-filled waveguide for VUV light generation.
Appl.Phys. B 37, 93-97 (1985) PACS:42.65
- Ashkin A., Smith P.W., Dziedzic J.M.:
Observation of CW self-focusing and self-trapping of light in liquid suspensions in submicron particles.
Appl.Phys. B 28, 142 (1982) PACS:42.65
- Bakos J.S., Földes I.B., Hevesi I., Kovacs J., Nanai L., Szil E.:
Two-photon absorption in V2O5 single crystals with Q-switched ruby laser pulses.
Appl.Phys. A 37, 247-249 (1985) PACS:42.65
- Balykin V.I., Letokhov V.S., Minogin V.G., Zueva T.V.:
Collimation of atomic beams by resonant laser radiation pressure.
Appl.Phys. B 35, 149-153 (1984) PACS:42.65
- Bareika B., Danielius R., Dikcius G., Gadonas R., Piskarskas A., Sirutkaitis V.:
Subpicosecond tunable IR pulses: Synchronously pumped OPO with colour-center amplifier.
Appl.Phys. B 29, 176 (1982) PACS:42.65
- Bava G.P., Orta R.:
Optical frequency mixing in planar waveguides: Influence of crystal orientation.
Appl.Phys. A 26, 185-190 (1981) PACS:42.65
- Belyayev M.V., Chebotayev V.P., Skvortsov M.N., Vasilenko L.S.:
Resonant coherent transients in a gas in the standing-wave field.
Appl.Phys. B 26, 67-72 (1981) PACS:42.65
- Bensoussan M., Moison J.M.:
Photoemission yield under multiple quantum excitation.
Appl.Phys. B 28, 93-94 (1982) PACS:42.65
- Bethune D.S., Luntz A.C.:
A laser infrared source of nanosecond pulses tunable from 1.4 to 22 μ m.
Appl.Phys. B 40, 107-113 (1986) PACS:42.65 42.60 33.20 68.30
- Beverini M., Galli M., Inguscio M., Strumia F., Bionducci G.:
Zeeman Doppler-free optogalvanic spectroscopy.
Appl.Phys. B 29, 161 (1982) PACS:42.65
- Bigio I.J., Slatkine M., Feldman B.J., Fisher R.A.:
High efficient phase conjugation of an XeF laser via stimulated Brillouin scattering.
Appl.Phys. B 28, 156 (1982) PACS:42.65
- Billardon M., Coisson R., Lapiere Y.:
Harmonic generation from a multimode laser in an optical klystron.
Appl.Phys. B 39, 9-14 (1986) PACS:42.65 41.70 52.75
- Bloch D., Raj R.K., Ducloy M.:
Polarization properties of phase-conjugate mirrors.
Appl.Phys. B 28, 155-156 (1982) PACS:42.65
- Bolotskikh L.T., Vysotin A.L., Tkhek-de I., Podavalova O.P., Popov A.K.:
Continuous-wave frequency mixing and UV generation in sodium vapor.
Appl.Phys. B 35, 249-252 (1984) PACS:42.65
- Bolotskikh L.T., Popov A.K.:
Amplified phase-conjugate reflection of $\lambda=10.51 \mu$ m radiation in gaseous SF₆.
Appl.Phys. B 31, 191-192 (1983) PACS:42.65
- Borde Ch.J., Avriplier S., Lerberghe A.van, Slomon Ch., Breant Ch., Bassi D., Scoles G.:
Observation of optical Ramsey fringes in the 10 μ m spectral region using a supersonic beam of SF₆.
Appl.Phys. B 28, 82-83 (1982) PACS:42.65 07.65
- Boyd R.W., Harter D.J.:
Conical emission due to four-wave mixing using AC Stark split levels.
Appl.Phys. B 29, 163-164 (1982) PACS:42.65
- Buck J.A., Dienes A., Whinnery J.R.:
Tunable phase conjugate signal generation through two-frequency four-wave mixing in an organic dye.
Appl.Phys. B 28, 157 (1982) PACS:42.65
- Buesener H., Renn A., Brieger M., Moers F.von, Hese A.:
Frequency doubling of CW ring-dye-laser radiation in lithium iodate crystals.
Appl.Phys. B 39, 77-81 (1986) PACS:42.65 42.70
- Chang T.Y., Naylor D.L., Hallwarth R.W.:
Continuouswave multi-color phase conjugation.
Appl.Phys. B 28, 156-157 (1982) PACS:42.65
- Chiang K., Levenson M.D.:
Phase conjugate wavefront generation by forced Rayleigh scattering.
Appl.Phys. B 29, 23-30 (1982) PACS:42.65
- Chu S., Hu P., Jedju T.M.:
Observation of a Mott transition in GaP:N.
Appl.Phys. B 28, 97 (1982) PACS:42.65
- Cone R.L., Ender D.A., Otteson M.S., Fisher P.L., Friedman J.M., Guggenheim H.J.:
Multiresonant two-photon-absorption-induced four wave mixing in crystalline rare earth insulators.
Appl.Phys. B 28, 143 (1982) PACS:42.65
- Connors L.M., Hall T.J., Fiddy M.A.:
On coupled-wave theory of two-beam self-diffraction.
Appl.Phys. B 28, 31-35 (1982) PACS:42.65 42.40
- Damen M.J., Hutchinson M.H.R.:
A study of laser pulse compression and phase conjugation by SBS.
Appl.Phys. B 28, 159 (1982) PACS:42.65
- Dick B., Gierulski A., Marowsky G., Reider G.A.:
Determination of the nonlinear optical susceptibility of surface layers by sum and difference frequency generation in reflection and transmission.
Appl.Phys. B 38, 107-116 (1985) PACS:42.65 41.00
- Dick B., Gierulski A.:
Multiplex rotational CARS of N₂, O₂, and CO with excimer pumped dye lasers: Species identification and thermometry in the intermediate temperature range with high temp. and spat. resol.
Appl.Phys. B 40, 1-7 (1986) PACS:42.65
- Diels J.-C., Wang W.-C., Winful H.:
Dynamics of the nonlinear four-wave mixing interaction.
Appl.Phys. B 26, 105-110 (1981) PACS:42.65
- Dimov S.S., Pavlov L.I., Stamenov K.V., Heller Yu.I., Popov A.K.:
Laser-induced nonlinear resonances in the continuum at third-harmonic generation in Na vapor.
Appl.Phys. B 30, 35-40 (1983) PACS:42.65 32.10 42.80
- Dreier T., Wellhausen U., Wolfrum J., Marowsky G.:
CARS studies of vibrationally excited nitrogen at low pressures.
Appl.Phys. B 29, 31-36 (1982) PACS:42.65
- Durbin S.D., Arakelian S.M., Cheung M.M., Shen Y.R.:
Nonlinear optical effects in a nematic liquid crystal resulting from laser-induced refractive indices.
Appl.Phys. B 28, 145 (1982) PACS:42.65
- Eichler H.J., Maßmann F., Zaki C., Heritage J.:
Self-modulation of Nd-YAG laser pulses in silicon and optical multistability.
Appl.Phys. B 28, 136-137 (1982) PACS:42.65
- Englert M., Kowalski J., Mayer F., Neumann R., Noehte S., Schwarzwald R., Suhr H., Puttitz G.zu:
Laser-microwave spectroscopy and absolute wavelength measurements in helium-like Li⁺ ions.
Appl.Phys. B 28, 81-82 (1982) PACS:42.65 07.65
- Fauchet P.M., Siegman A.E.:
Observations of higher-order laser-induced surface ripples on [111] germanium.
Appl.Phys. A 32, 135-140 (1983) PACS:42.65 64.60 78.90 81.40
- Firth W.J., Seaton C.T., Wright E.M., Smith S.D.:
Spatial hysteresis in optical bistability.
Appl.Phys. B 28, 131-132 (1982) PACS:42.65
- Fischer B., Cronin-Golomb M., White J.O., Yariv Y.:
Theory and experiment of optical oscillators and phase conjugate mirrors with gain based on four-wave mixing in photorefractive media.
Appl.Phys. B 28, 162 (1982) PACS:42.65
- Fujimoto J.G., Yee T.K.:
Influence of dephasing relaxation on the transient properties of parametric four-wave mixing.
Appl.Phys. B 34, 55-61 (1984) PACS:42.65
- Gawlik W., Kowalski J., Träger F., Vollmer M.:
A new mechanism for the production of subnatural optical resonances.
Appl.Phys. B 28, 84-85 (1982) PACS:42.65 07.65
- Gierulski A., Marowsky G., Nikolaus B., Vorobev N.:
Surface second-harmonic generation: A novel technique for ps-pulse duration measurements.
Appl.Phys. B 36, 133-135 (1985) PACS:42.65
- Gower M.C., Caro R.G.:
A phase conjugate Brillouin mirror for a KrF laser.
Appl.Phys. B 28, 158 (1982) PACS:42.65
- Gustafson E., Byer R.L.:
Transit time linewidth limitations in CW CARS spectroscopy.
Appl.Phys. B 28, 85-86 (1982) PACS:42.65 07.65
- Halbout J.-M., Tang C.L.:
Time-resolved observation of the nonlinear refractive index of molecular liquids by femtosecond interferometry.
Appl.Phys. B 28, 144-145 (1982) PACS:42.65
- Harder Ch., Lau K.V., Yariv A.:
Experimental observation of phase transition, bistability and critical slowing down in lasers.
Appl.Phys. B 28, 139-140 (1982) PACS:42.65
- Hasselbach M., Hsu S.C., Kwok H.S.:
Nonlinear interactions in indium antimonide.
Appl.Phys. B 28, 253-254 (1982) PACS:42.65 42.70
- Hauelsen D.C., Depatie D.A.:
Degenerate four-wave mixing at the band edge of InAs.
Appl.Phys. B 28, 94-95 (1982) PACS:42.65

- Haus H.A., Ippen E.P., Lattes A., Gabriel C., Leonberger F.J.:
Double degenerate four-wave mixing in LiNbO₃ waveguides.
Appl. Phys. B 28, 161 (1982) PACS:42.65
- Heinrich J., Hollenberg K., Behnburg W.:
Saturation of resonant frequency conversion processes in cadmium vapor.
Appl. Phys. B 33, 225-234 (1984) PACS:42.65
- Helmcke J., Zevgolis D., Yen B.U.:
Observation of high contrast, ultranarrow optical Ramsey fringes in saturated absorption utilizing four interaction zones of travelling waves.
Appl. Phys. B 28, 83-84 (1982) PACS:42.65 07.65
- Höfling H.J., Pascher H., Häfele H.G.:
Raman gain, effective g-value and spontaneous spin-flip Raman linewidth in Hg_{0.77}Cd_{0.23}Te.
Appl. Phys. A 31, 195-199 (1983) PACS:42.65 71.20
- Huo Y.S., Alcock A.J., Bourne O.L.:
A time-resolved study of sub-nanosecond pulse generation by the combined effect of stimulated Brillouin scattering and laser-induced breakdown.
Appl. Phys. B 38, 125-129 (1985) PACS:42.65
- Inguscio M., Moretti A., Strumia F.:
Laser saturation and nonlinear Hanle effect.
Appl. Phys. B 28, 88-89 (1982) PACS:42.65 07.65
- Jain R.K., Stenerson K.:
Phase-matched four-photon mixing processes in birefringent fibers.
Appl. Phys. B 35, 49-57 (1984) PACS:42.65 42.80
- James J.V., Tang X., Wang C.C.:
Saturation of multiphoton processes with a resonant intermediate transition in an atomic beam of thallium.
Appl. Phys. B 28, 90-91 (1982) PACS:42.65 07.65
- Ja Y.H.:
Numerical study of energy transfer between a beam and its internal reflection component in a nonlinear medium.
Appl. Phys. B 33, 51-56 (1984) PACS:42.65 78.20 42.40
- Ja Y.H.:
On the approximate formulae and the exact method to compute wavefront reflectivity in degenerate four-wave mixing.
Appl. Phys. B 33, 161-165 (1984) PACS:42.65 78.20
- Ja Y.H.:
On the approximate formulae and the exact method to compute wavefront reflectivity in degenerate four-wave mixing.
ERRATUM to Appl. Phys. B 33, 161-165 (1984).
Appl. Phys. B 35, 118 (1984) PACS:42.65 78.20
- Ja Y.H.:
On the multiple-root problem when solving directly the nonlinear coupled-wave equations for two-wave mixing in a reflection geometry.
Appl. Phys. B 35, 141-144 (1984) PACS:42.65 78.20 42.40
- Ja Y.H.:
Using the seventh-order numerical method to solve first-order nonlinear coupled-mode equations for degenerate two-wave and four-wave mixing.
Appl. Phys. B 35, 217-225 (1984) PACS:42.65 78.20
- Ja Y.H.:
Real-time optical image differentiation by degenerate four-wave mixing.
Appl. Phys. B 36, 21-24 (1985) PACS:42.65 78.20
- Jones D.A., Kane E.L., Lalouis P., Wiles P.R., Hora H.:
Relativistic filamentation of laser beams in plasma.
Appl. Phys. B 27, 157-159 (1982) PACS:42.65 52.40
- Karlov N.V., Shvartsburg A.B., Sissakian E.V.:
Optical bistability produced by resonant Joule's heating of semiconductors.
Appl. Phys. B 36, 77-81 (1985) PACS:42.65 78.20
- Karpushko F.V., Sinitsyn G.V.:
The anomalous nonlinearity and optical bistability in thin-film interference structures.
Appl. Phys. B 28, 137 (1982) PACS:42.65
- Kazantsev A.P., Smirnov V.S., Sokolov V.P., Tumaikin A.N.:
An anomalous correlator of resonantly scattered light.
Appl. Phys. B 27, 83-91 (1982) PACS:42.65 35.00 07.65
- Khoo I.C., Shepard S., Nahar S., Zhuang S.L.:
Quantitative theory and experiments on optical imaging and switching properties of nematic liquid crystals.
Appl. Phys. B 28, 140-141 (1982) PACS:42.65
- Kiyashko V.A., Popov A.K., Timofeev V.P., Yurov G.V.:
Resonant upconversion of $\lambda = 1.06 \mu\text{m}$ radiation in rubidium vapors.
Appl. Phys. B 30, 157-159 (1983) PACS:42.65 42.80
- Kiyashko V.A., Popov A.K., Timofeev V.P., Makarov N.P., Epstein V.Sh.:
Resonant generation of even-order harmonics in metal vapors.
Appl. Phys. B 36, 53-54 (1985) PACS:42.65 42.80
- Köhles N., Laubereau A.:
Polarization effects of picosecond CARS in liquids.
Appl. Phys. B 39, 141-147 (1986) PACS:42.65 78.30
- Köster E., Kolbe J., Mitschke F., Mlynek J., Lange W.:
Intracavity resonant degenerate 4-wave mixing in atomic sodium vapor: Bistability in phase conjugation.
Appl. Phys. B 35, 201-207 (1984) PACS:42.65 42.80 33.00
- Kruse P.W., Khan M.A.:
Mechanisms of optical phase conjugation in Hg_{1-x}Cd_xTe.
Appl. Phys. B 28, 95 (1982) PACS:42.65
- Kurosawa T., Morinaga A., Sakurai T., Tanaka K.:
Characteristics of the S/N ratio of the beat note obtained from the frequency-mixing experiments between a CO₂ and an H₂O laser.
Appl. Phys. B 34, 49-53 (1984) PACS:42.65 42.80
- Leuchs G., Reif J., Walther H.:
Investigation of the dynamic Stark effect by observation of the angular distribution of photoelectrons.
Appl. Phys. B 28, 87 (1982) PACS:42.65 07.65
- Leupacher W., Penzkofer A.:
Third-order nonlinear susceptibilities of dye solutions determined by third-harmonic generation.
Appl. Phys. B 36, 25-31 (1985) PACS:42.65
- Liang P., Gu Z., Zhang W.:
Complex stimulated Raman scattering in LiIO₃ crystal pumped with ultrashort pulses at $1.06 \mu\text{m}$.
Appl. Phys. B 28, 144 (1982) PACS:42.65
- Litfin G.:
Optically bistability due to orientation bleaching in color center crystals.
Appl. Phys. B 28, 134 (1982) PACS:42.65
- Liu S., Ho K., Hui L., Cui J., Li Q.:
Generation of high power IR pulse by stimulated electronic Raman scattering in caesium vapour, pumped by ps pulse train.
Appl. Phys. B 28, 146-147 (1982) PACS:42.65
- Lukinykh V.F., Myslivets S.A., Popov A.K., Slabko V.V.:
Ninth-order nonlinear polarization and VUV generation in Hg vapor.
Appl. Phys. B 34, 171-173 (1984) PACS:42.65 42.80
- Lukinykh V.F., Myslivets S.A., Popov A.K., Slabko V.V.:
Nonlinear optical frequency mixing in dye vapors.
Appl. Phys. B 38, 143-146 (1985) PACS:42.65 42.80
- Makarov N.P., Popov A.K., Timofeev V.P.:
Effective upconversion of CO₂-laser radiation in sodium vapors.
Appl. Phys. B 30, 53-55 (1983) PACS:42.65 42.80
- Marowsky G., Gierulski A., Reider G.A., Schmidt A.J.:
Interferometric enhancement of surface-generated second-harmonic radiation.
Appl. Phys. B 34, 69-72 (1984) PACS:42.65
- Marowsky G., Gierulski A., Dick B., Sowada U., Vehrenkamp R.:
Experimental study of vibrational and pure rotational coherent anti-Stokes Raman scattering (CARS) in molecular hydrogen.
Appl. Phys. B 39, 47-53 (1986) PACS:42.65
- Martin-Pereda J.A., Muriel M.A.:
Instabilities in hybrid liquid crystal optical bistable devices.
Appl. Phys. B 28, 138 (1982) PACS:42.65
- McCall S.L., Gibbs H.M., Hopf F.A., Kaplan D.L., Ovadia S.:
Fluctuations in optical bistability: Experiments with shot noise.
Appl. Phys. B 28, 99-100 (1982) PACS:42.65
- Mehendale S.C., Gupta P.K., Rustagi K.C.:
Effects of "atomic depletion" on four-wave mixing in potassium.
Appl. Phys. B 32, 217-223 (1983) PACS:42.65 32.80
- Mihalache D., Mazilu D.:
TM-polarized nonlinear waves guided by asymmetric dielectric layered structures.
Appl. Phys. B 37, 107-113 (1985) PACS:42.65 42.82
- Miller A., Miller D.A.B.:
Dynamic nonlinear optics in semiconductors.
Appl. Phys. B 28, 92-93 (1982) PACS:42.65
- Miller D.A.B., Chemla D.S., Smith P.W., Gossard A.C., Tsang W.T.:
Room-temperature saturation characteristics of GaAs-GaAlAs multiple quantum well structures and of bulk GaAs.
Appl. Phys. B 28, 96-97 (1982) PACS:42.65
- Mindl T., Hefferle P., Schneider S., Dörr F.:
Characterisation of a train of subpicosecond laser pulses by fringe resolved autocorrelation measurements.
Appl. Phys. B 31, 201-207 (1983) PACS:42.65 07.60
- Mitschke F., Flüggen N.:
Chaotic behavior of a hybrid optical bistable system without a time delay.
Appl. Phys. B 35, 59-64 (1984) PACS:42.65
- Mlynek J., Mitschke F., Deserno R., Lange W.:
Optical bistability by transverse optical pumping.
Appl. Phys. B 28, 135 (1982) PACS:42.65
- Moers F.von, Hebert T., Hese A.:
Theory and experiment of CW dye laser injection locking and its application to second harmonic generation.
Appl. Phys. B 40, 67-75 (1986) PACS:42.65 42.55 42.60
- Mooney J.V., Hopf F.A., Gibbs H.M.:
Novel bifurcation sequences in a ring bistable cavity with an input Gaussian spatial profile.
Appl. Phys. B 28, 98-99 (1982) PACS:42.65

- Moloney J.V., Gibbs H.M.:
The dynamical switching of a bistable optical ring cavity with Gaussian input beam profile.
Appl. Phys. B 28, 100-101 (1982) PACS:42.65
- Morita N., Yajima T.:
A nonlinear correlation method using multiphoton ionization for the measurement of UV ultrashort pulses.
Appl. Phys. B 28, 25-29 (1982) PACS:42.65 06.60 32.80
- Morita N., Lin L.H., Yajima T.:
Generation of picosecond UV pulses by stimulated anti-Stokes Raman scattering.
Appl. Phys. B 31, 63-67 (1983) PACS:42.65 33.80
- Neijzen J.H.M., Dönszelmann A.:
Double resonance experiments within the laser linewidth.
Appl. Phys. B 28, 86-87 (1982) PACS:42.65 07.65
- Nunzi J.M., Ricard D.:
Optical phase conjugation and related experiments with surface plasma waves.
Appl. Phys. B 35, 209-216 (1984) PACS:42.65 78.65 43.35
- Pascher H.:
Optical four-wave mixing in epitaxial narrow-gap semiconductor films.
Appl. Phys. B 34, 107-122 (1984) PACS:42.65 71.20
- Penzkofer A., Schmalz J., Glas H.:
Four-wave mixing in alkali halide crystals and aqueous solutions.
Appl. Phys. B 29, 37-42 (1982) PACS:42.65 61.20
- Penzkofer A.:
Saturable absorbers with concentration-dependent absorption recovery time.
Appl. Phys. B 40, 85-93 (1986) PACS:42.65 42.70 42.20
- Picque J.L., Gouet J.L., Le, Willeumier F., Bizau J.M., Dhez P., Koch P., Ederer D.:
Direct observation of hot electron spectra from laser-excited sodium vapor.
Appl. Phys. B 28, 89 (1982) PACS:42.65 07.65
- Pini R., Mazzoni M., Salimbeni R., Matera M., Lin C.:
Ultraviolet-stimulated Raman scattering in fibers.
Appl. Phys. B 29, 168 (1982) PACS:42.65
- Popov A.K., Shalaev V.M.:
Unidirectional Doppler-free gain and generation in optically pumped lasers.
Appl. Phys. B 27, 63-67 (1982) PACS:42.65 32.10 42.80
- Poulsen O., Nielsen U., Winstrup N.I., Ramanujam P.S.:
Resonant two-photon processes in a fast accelerated atom beam: Two-photon absorption and Raman effects.
Appl. Phys. B 28, 90 (1982) PACS:42.65 07.65
- Reinisch R., Neviere M.:
Electromagnetic study of grating-enhanced nonlinear optical effects.
Appl. Phys. B 28, 148-149 (1982) PACS:42.65
- Richter W., Pascher H., Häfele H.G.:
Measurement of spin-flip Raman gain, effective g-value and absorption of radiation under transient electric field conditions in InSb.
Appl. Phys. A 26, 115-124 (1981) PACS:42.65 71.20
- Rohart F., Deve H., Macke B.:
Saturated absorption linewidth: Influence of the source frequency noise.
Appl. Phys. B 39, 19-27 (1986) PACS:42.65 33.70
- Ruddock I.S., Illingworth R., Reekie L.:
Generation of tunable picosecond infra-red pulses by nonlinear mixing of mode-locked GW lasers.
Appl. Phys. B 29, 177-178 (1982) PACS:42.65
- Schultz A., Marowsky G.:
CARS spectroscopy of SF₆ and UF₆.
Appl. Phys. B 29, 255-262 (1982) PACS:42.65
- Scott A.M.:
Efficient phase conjugation by Brillouin enhanced nearly degenerate 4 wave mixing.
Appl. Phys. B 29, 174-175 (1982) PACS:42.65
- Seiler D.G., Heiman D., Feigenblatt R., Aggarwal R.L., Lax B.:
Two-photon spectroscopy of the A- and B-excited free-exciton states in CdS.
Appl. Phys. B 28, 147 (1982) PACS:42.65
- Siekhans W.J., Lowdermilk W.H., Swain J.E.:
Multiphoton photoelectric emission from surfaces of transparent dielectric materials.
Appl. Phys. B 28, 142-143 (1982) PACS:42.65
- Sigrist M.W., Mikhalevich V.G.:
Nonlinear parameters of liquids studied by laser-generated acoustic pulses.
Appl. Phys. B 28, 146 (1982) PACS:42.65
- Smirl A.L., Wherrett B.S., Boggett T.F., Perryman G.P., Miller A.:
Degenerate four-wave mixing by anisotropic state-filling in semiconductors.
Appl. Phys. B 28, 95-96 (1982) PACS:42.65
- Smith S.D., Seaton C.T., Prise M.E.:
Optically bistable switching of a semiconductor resonator with a 30 ps pulse.
Appl. Phys. B 28, 132-133 (1982) PACS:42.65
- Smith P.W., Tomlinson W.J.:
Nonlinear optical interfaces.
Appl. Phys. B 28, 138-139 (1982) PACS:42.65
- Snyder J.J., Helmcke J., Zevgolis D.:
Longitudinal Ramsey spectroscopy in a calcium beam.
Appl. Phys. B 32, 25-31 (1983) PACS:42.65 32.80 06.30
- Steel D.G., McFarlane R.A., Lam J.F.:
Pressure induced effects on CW degenerate and nearly degenerate four-wave mixing.
Appl. Phys. B 28, 160-161 (1982) PACS:42.65
- Takubo Y., Hara M., Shimazu M.:
Laser-induced polarization anisotropy in a three-level system.
Appl. Phys. B 27, 141-144 (1982) PACS:42.65
- Thalhammer M., Penzkofer A.:
Measurement of third-order nonlinear susceptibilities by non-phase matched third-harmonic generation.
Appl. Phys. B 32, 137-143 (1983) PACS:42.65
- Tom H.W.K., Jain R.K.:
Picosecond resolution studies of ground state quantum beats and rapid collisional relaxation processes in sodium vapor.
Appl. Phys. B 28, 247 (1982) PACS:42.65 34.00
- Trommsdorff H.P., Andrews J.R., Hochstrasser R.M.:
Excited state vibrational spectroscopy by multi-resonant four wave mixing.
Appl. Phys. B 28, 147-148 (1982) PACS:42.65
- Vilaseca R., Orriols G., Roso L., Corbalán R., Arimondo E.:
Raman irradiation of a three-level gas system: Continued-fraction theory and applications.
Appl. Phys. B 34, 73-82 (1984) PACS:42.65 32.00 33.00
- Walls D.F.:
Multistability in coherently driven nonlinear systems.
Appl. Phys. B 28, 101 (1982) PACS:42.65
- Wang W., Gaubatz U.:
Optical frequency doubling of a single-mode dye laser in an external ring resonator.
Appl. Phys. B 40, 43-47 (1986) PACS:42.65
- Weitekamp D.P., Duppen K., Wiersma D.A.:
Nonperturbative approach to delayed picosecond four wave mixing in mixed molecular crystals.
Appl. Phys. B 29, 178-179 (1982) PACS:42.65
- Wexler B.L., Palumbo L.J., Reintjes J., Djeu N.:
Degenerate four-wave mixing in a XeCl amplifier.
Appl. Phys. B 28, 159-160 (1982) PACS:42.65
- Wu C.K., Agostini P., Petite G., Fabre F.:
Time character of phase-conjugate reconstructed waves.
Appl. Phys. B 29, 175 (1982) PACS:42.65
- Wyatt R., Ernsting N.P., Wrobel W.G.:
Tunable electronic Raman laser at 16 μ m.
Appl. Phys. B 27, 175-176 (1982) PACS:42.65
- Yao J.-q., Zhou G., Siegman A.E.:
Large-signal results for degenerate four-wave mixing and phase conjugate resonators.
Appl. Phys. B 30, 11-18 (1983) PACS:42.65 42.60
- Yuen S.Y., Wolff P.A.:
Difference-frequency variation of the free-carrier-induced third order nonlinear susceptibility in n-InSb.
Appl. Phys. B 28, 98 (1982) PACS:42.65
- Yulin Li, Jianhua Lu, Jialin Jiang, Guanchang Cheng:
Time-domain pulse property of stimulated Raman scattering in a multimode optical fiber.
Appl. Phys. B 39, 107-110 (1986) PACS:42.65 42.80
- Zadkov V.N., Koroteev N.I., Rychov M.V., Feodorov A.B.:
Saturation spectroscopy of coherent Raman scattering in molecular gases.
Appl. Phys. B 34, 167-170 (1984) PACS:42.65 33.80

42.68 Atmospheric optics

- Chan K., Ito H., Inaba H., Furuya T.:
10 km-long fibre-optic remote sensing of CH₄ gas by near infrared absorption.
Appl. Phys. B 38, 11-15 (1985) PACS:42.68 42.80 07.65
- Eberhardt J.E., Pryor A.W.:
Application of a CW helium neon laser for measurement of gaseous hydrogen fluoride concentration.
Appl. Phys. B 27, 43-47 (1982) PACS:42.68 42.55 33.20
- Ksienski D.A., Senior T.B.A.:
Scattering by small thin dielectric particles.
Appl. Phys. B 38, 225-231 (1985) PACS:42.68 77.30
- Moosmüller H.:
Determination of gas concentrations and temperature in the exhaust of a power plant with a CW chemical HF laser.
Appl. Phys. B 40, 29-33 (1986) PACS:42.68 42.60 42.10
- Ortgies G., Comes F.J.:
A laser optical method for the determination of tropospheric OH concentrations.
Appl. Phys. B 33, 103-113 (1984) PACS:42.68 42.80 42.60
- Salemink H.W.M., Schotanus P., Bergwerff J.B.:
Quantitative lidar at 532 nm for vertical extinction profiles and the effect of relative humidity.
Appl. Phys. B 34, 187-189 (1984) PACS:42.68 42.60

- Yun S.I., Oh K.-D., Ryu K.-S., Kim C.-G., Park H.L., Seo H.J., Kum C.:
Photothermal probe beam deflection measurement of thermal diffusivity of atmospheric air.
Appl. Phys. B 40, 95-98 (1986) PACS:42.68 07.60 42.60 07.20

42.70 Optical materials

- Beimowski A., Huber G., Pruss D., Laptev V.V., Shcherbakov I.A., Zharikov Y.V.:
Efficient Cr³⁺ sensitized Nd³⁺:GdScGa-garnet laser at 1.06 μ m.
Appl. Phys. B 28, 234-235 (1982) PACS:42.70
Eggleston J.M., Kane T., Byer R.L., Unternährer J.:
Slab geometry solid state lasers.
Appl. Phys. B 28, 236 (1982) PACS:42.70
Eisele H., Paus H.J.:
Improvement of tunable F² - like color center lasers.
Appl. Phys. B 28, 307 (1982) PACS:42.70 61.70
Kukhtarev N.V., Krätzig E., Külich H.C., Rupp R.A., Albers J.:
Anisotropic selfdiffraction in BaTiO₃.
Appl. Phys. B 35, 17-21 (1984) PACS:42.70 42.65 42.80
Künzel W., Dürr U.:
Co²⁺ doped perovskites: Laser materials for the NIR spectral region.
Appl. Phys. B 28, 233-234 (1982) PACS:42.70
Leduc M., Wacher P.J., Laloe F.:
Development of a NaF single frequency color center laser in the near-IR application to high nuclear polarization of ³He by optical pumping.
Appl. Phys. B 28, 308 (1982) PACS:42.70 61.70
Mollenauer L.F., Vieira N., Szeto L.:
Defect perturbed metal atom centers in alkali halides: A new class of highly stable, laser active color center.
Appl. Phys. B 28, 306-307 (1982) PACS:42.70 61.70
Moulton P.F.:
Advances in tunable transition-metal lasers.
Appl. Phys. B 28, 233 (1982) PACS:42.70
Struve B., Huber G., Laptev V.V., Shcherbakov I.A., Zharikov Y.V.:
Laser action and broad band fluorescence in Cr³⁺:GdScGa-garnet.
Appl. Phys. B 28, 235-236 (1982) PACS:42.70
Ursu I., Mihailescu I.N., Nistor L.C., Toaderescu V.S., Prokhorov A.M., Chapliev N.I., Konov V.I., Starodumov Yu.M.:
Study of the compounds formed on damaged ZnSe windows by multi pulse microsecond pulsed TEA-CO₂ laser.
Appl. Phys. A 40, 227-233 (1986) PACS:42.70 61.80 68.20
Whitford B.G.:
Simultaneous phase-lock of five CO₂ lasers to a primary Cs frequency standard.
Appl. Phys. B 35, 119-122 (1984) PACS:42.72 42.80 42.60
Zhang F.-G., Schäfer F.P.:
Laser emission of 2,2'-dimethylparaterphenyl at 77 K.
Appl. Phys. B 26, 211-212 (1981) PACS:42.70

42.80 Optical devices, techniques, and applications

- Arecchi F.T., Giusfredi G., Petriella E., Salieri P.:
Low threshold optical bistability with optical pumping.
Appl. Phys. B 29, 169-170 (1982) PACS:42.80
Auston D.H., Smith P.W.:
Picosecond optical electronics: A new approach to very high speed electronic instrumentation.
Appl. Phys. B 28, 249 (1982) PACS:42.80
Beach R., Hartmann S.R., Friedberg R.:
Introducing the billiard ball echo model.
Appl. Phys. B 28, 274 (1982) PACS:42.80
Bettis R.A., Pitt C.W., Riddle K.R., Walpita L.M.:
A comparative study of the dopant profiles in diffused planar optical waveguides by SIMS and guided wave probe.
Appl. Phys. A 31, 29-35 (1983) PACS:42.80 66.30 79.20
Bogner U., Seel R., Graf F.:
Voltage memory, provided by photophysical hole-burning of selectively laser-excited dyes.
Appl. Phys. B 29, 152 (1982) PACS:42.80
Bolshov L.A., Reshetin V.P.:
Modulation of radiation in nonstationary resonant media.
Appl. Phys. B 30, 41-45 (1983) PACS:42.80 42.10 42.55
Bouchiat M.A., Pottier L.:
Light-polarization modifications in a multipass cavity. Theoretical and experimental analysis.
Appl. Phys. B 29, 43-54 (1982) PACS:42.80 32.00
Cancellieri G.:
Mode coupling in graded-index optical fibres due to micro-bending.
Appl. Phys. A 26, 51-57 (1981) PACS:42.82 42.10
Carusotto S., Iacopini E., Polacco E., Scuri F., Stefanini G., Zavattini E.:
Properties of an optical phase-shifter made of two gold mirrors.
Appl. Phys. B 36, 125-131 (1985) PACS:42.80
Drummond P.D., Matter F.P.:
Advances in modelling of near-resonant light propagation.
Appl. Phys. B 28, 260 (1982) PACS:42.80
Ehrlich D.J., Brueck S.R.J., Tsao J.Y.:
Stimulated surface plasma waves and the formation of periodic structures by laser irradiation of surfaces.
Appl. Phys. B 29, 183-184 (1982) PACS:42.80
Genack A.Z., Brickman R.O., Schenzle A.:
Pulse formation and amplification in an absorbing medium by optical phase switching.
Appl. Phys. B 28, 276-277 (1982) PACS:42.80
Giacobino E., Cribier S., Grynberg G., Biraben F.:
Study of transients in intrinsic optical bistability.
Appl. Phys. B 29, 170-171 (1982) PACS:42.80
Gibbs H.M., Jewell J.L., Moloney J.V., Rushford M.C., Gossard A.C., McCall S.L., Passner A., Wiegmann W.:
Room-temperature optical bistability and self-defocussing in semiconductor etalons.
Appl. Phys. B 29, 171-172 (1982) PACS:42.80
Gibson A.F.:
Laser compression research at the UK central laser facility.
Appl. Phys. B 28, 272 (1982) PACS:42.80 52.00
Gnepf S., Kneubühl F.K.:
Strong modulations in periodic waveguide structures and distributed feedback lasers.
Appl. Phys. B 28, 283-284 (1982) PACS:42.80 42.55
Gntadek K.:
TM-mode coupling in anisotropic optical waveguides caused by periodic variation optic-axis direction.
Appl. Phys. B 33, 243-246 (1984) PACS:42.82
Görtz W., Gerstenhauer E., Grosse P.:
Photoconducting tellurium for submillimeterwave detectors.
Appl. Phys. A 27, 35-38 (1982) PACS:42.80 72.40 78.20
Grexa M., Hermann G., Lasnitschka G., Scharmann A.:
Faraday rotation in a single-mode fiber with controlled birefringence.
Appl. Phys. B 35, 145-148 (1984) PACS:42.80 42.10
Gruhl H., Dorn H.-P., Winzer K.:
Calorimetric absorption spectroscopy of J-aggregate dye monolayers below 0.1 Kelvin.
Appl. Phys. B 38, 199-203 (1985) PACS:42.80 35.00 07.00
Harde H., Burggraf H.:
High-resolution coherence spectroscopy with ultrashort light pulses.
Appl. Phys. B 28, 246 (1982) PACS:42.80
Hildred G.P., Bullough R.K.:
Resonance fluorescence in mixed coherent/chaotic fields.
Appl. Phys. B 28, 260-261 (1982) PACS:42.80
Iacopini E., Stefanini G., Zavattini E.:
Effects of a magnetic field on the optical properties of dielectric mirrors.
Appl. Phys. A 32, 63-67 (1983) PACS:42.80 78.20 78.65
Jackson D.J., Wynne J.J.:
What is the signature of a two-photon laser?
Appl. Phys. B 28, 238 (1982) PACS:42.80
Kanh T.D., Burov J.I.:
Optical method for measuring the coupling constant of surface acoustic waves.
Appl. Phys. A 27, 95-97 (1982) PACS:42.80 62.00
Keilmann F.:
Laser-driven surface distortions.
Appl. Phys. B 29, 184-185 (1982) PACS:42.80
Kranz J., Schrödter Ch.:
Ellipsometry on magneto-optic thin film multilayer systems.
Appl. Phys. B 34, 139-143 (1984) PACS:42.80 78.20
Krönert U., Bonn J., Kluge H.-J., Ruster W., Wallmeroth K., Peuser P., Trautmann N.:
Laser resonant ionization of plutonium.
Appl. Phys. B 38, 65-70 (1985) PACS:42.80 32.80
Langbein U., Lederer F., Ponath H.-E., Trutschel U.:
Analysis of the dispersion relations of nonlinear slab-guided waves: I. Asymmetrical configuration.
Appl. Phys. B 36, 187-193 (1985) PACS:42.82 42.65
Langbein U., Lederer F., Ponath H.-E., Trutschel U.:
Analysis of the dispersion relation of nonlinear slab-guided waves: II. Symmetrical configuration.
Appl. Phys. B 38, 263-268 (1985) PACS:42.82 42.65
Langelaar J., Bebelaar D., Voorst J.D.W. van:
Coherent anti Stokes Raman echo in nitrogen gas.
Appl. Phys. B 28, 274-275 (1982) PACS:42.80
Lederer F., Langbein U., Ponath H.-E.:
Nonlinear waves guided by a dielectric slab: I. TE-polarization.
Appl. Phys. B 31, 69-73 (1983) PACS:42.82 42.65
Lederer F., Langbein U., Ponath H.-E.:
Nonlinear waves guided by a dielectric slab: II. TM-polarization.
Appl. Phys. B 31, 187-190 (1983) PACS:42.82 42.65
Lee Ching T.:
Optical-gyroscope application of efficient crossed-channel acousto-optic devices.
Appl. Phys. B 35, 113-118 (1984) PACS:42.80

- Lee R.A.: Improved ray representation for planar optical waveguides. *Appl. Phys. A* 29, 81-82 (1982) PACS:42.82
- Li M.G., Mathur V.K., Lee C.H.: Ultrafast optoelectronic modulation of millimeter-waves in GaAs waveguides. *Appl. Phys. B* 28, 252-253 (1982) PACS:42.80
- Lindberg M., Stahlberg B.: Dispersive effects in magnetically induced mode locking. *Appl. Phys. B* 28, 259-260 (1982) PACS:42.80
- Linde D. von der, Hartmann G.: Lattice temperature rise of silicon during laser annealing. *Appl. Phys. B* 29, 182 (1982) PACS:42.80
- Martinot P., Koster A., Laval S., Carvalho W.: Optical bistability from surface plasmon excitation. *Appl. Phys. B* 29, 172-173 (1982) PACS:42.80
- Mashev L., Tonchev S.: Formation of blazed holographic gratings. *Appl. Phys. B* 28, 349-353 (1982) PACS:42.80 42.82
- Mashev L., Tonchev S.: Formation of holographic diffraction gratings in photoresist. *Appl. Phys. A* 26, 143-149 (1981) PACS:42.80 42.82
- Mendes I., Cvijin P.V., Ignjatijevic D.: Conditions for the harmonic-like and efficient amplitude modulation of the CW Gaussian laser beam by means of a mechanical chopper. *Appl. Phys. B* 34, 1-4 (1984) PACS:42.80 42.60
- Mendes I., Cvijin P.V.: Waveform of the amplitude modulated laser light by means of a mechanical chopper. *Appl. Phys. B* 32, 119-122 (1983) PACS:42.80 42.60
- Miller A., Hill J.R., Parry G.: Low intensity nonlinear refraction in cadmium mercury telluride at 10.6 μ m. *Appl. Phys. B* 29, 173 (1982) PACS:42.80
- Pollock C.R., Jennings D.A., Petersen F.R., Drullinger R.E., Beaty E.C., Wells J.S., Hall J.L., Evenson K.M.: Accurate visible frequency measurements of the 633 nm and 576 nm iodine lines. *Appl. Phys. B* 29, 153 (1982) PACS:42.80
- Qadeer A., Reed J., Bryant F.J.: Time delays in lead-salt semiconductor diode lasers. *Appl. Phys. A* 33, 181-182 (1984) PACS:42.80
- Rand S.C., Lee L.-S., Schawlow A.L.: Ultraviolet sum-frequency generation utilizing optical pair interactions in solids. *Appl. Phys. B* 28, 282 (1982) PACS:42.80
- Regener R., Sohler W.: Loss in low-finesse Ti:LiNbO₃ optical waveguide resonators. *Appl. Phys. B* 36, 143-147 (1985) PACS:42.82 42.80 42.70
- Reule A.: Resolving power of gratings in planar multimode waveguides. *Appl. Phys. A* 33, 179-180 (1984) PACS:42.80 42.30
- Russel P.St.J.: Thick grating focussing-device-design using Poynting-vector optics. *Appl. Phys. B* 26, 37-42 (1981) PACS:42.80 42.82 42.10
- Russel P.St.J.: Thick-grating non-divergent focussing device: 2-D analysis. *Appl. Phys. B* 26, 89-98 (1981) PACS:42.80 42.82 42.10
- Saha S.K., Hellwarth R.W.: Raman-induced phase conjugation spectroscopy. *Appl. Phys. B* 28, 298 (1982) PACS:42.80 33.00
- Salomon Ch., Breat Ch., Lerberghe A.van, Camy G., Borde Ch.J.: A phase-locked waveguide CO₂ laser for broad-band saturation spectroscopy with kHz resolution and absolute frequency accuracy. First observation of superhyperfine structures... of SF₆. *Appl. Phys. B* 29, 153-155 (1982) PACS:42.80
- Saltiel S.M., Stankov K.A.: A diffraction grating autocorrelator for measurement of single ultrashort light pulses. *Appl. Phys. B* 35, 45-48 (1984) PACS:42.80 06.60
- Saltiel S.M., Stankov K.A., Yankov P.D., Telegin L.I.: Realization of a diffraction-grating autocorrelator for single shot measurement of ultrashort light pulses duration. *Appl. Phys. B* 40, 25-27 (1986) PACS:42.80 06.60
- Sario M.de: Effects of a lossy thin plasma-film on metal-diffused LiNbO₃ optical waveguides. *Appl. Phys. B* 35, 23-30 (1984) PACS:42.80 41.00
- Savatinova I., Tonchev S.: Electrooptic waveguide switch using total internal reflection. *Appl. Phys. A* 31, 187-190 (1983) PACS:42.82 42.80
- Savatinova I., Tonchev S.: A planar electrooptic beam splitter/modulator with a pair of parallel electrodes. *Appl. Phys. A* 36, 113-116 (1985) PACS:42.82 42.80
- Siemens K.J., Riccius H.D.: Experiments with MIM diodes at 60 THz. *Appl. Phys. B* 29, 155 (1982) PACS:42.80
- Trebino R., Siegman A.E.: Subpicosecond relaxation studies using tunable-laser-induced grating techniques. *Appl. Phys. B* 28, 250 (1982) PACS:42.80
- Tsonev L.: Optical beam splitter and focuser in Ti:LiNbO₃ planar waveguide. *Appl. Phys. B* 34, 93-96 (1984) PACS:42.80 42.82
- Vollmer J., Nisius J.P., Hertel P., Krätzig E.: Refractive index profiles of LiNbO₃:Ti waveguides. *Appl. Phys. A* 32, 125-127 (1983) PACS:42.80 66.30 85.60
- Wang D.-S., Kerker M.: Absorption and luminescence of dye coated silver and gold particles. *Appl. Phys. B* 29, 185 (1982) PACS:42.80
- Whittaker E.A., Hartmann S.R.: Photon echo modulation between the 3H₄-1D₂ levels of Pr³⁺:LaF₃. *Appl. Phys. B* 28, 275-276 (1982) PACS:42.80
- Willander M.: Surface recombination velocity in a silicon optical waveguide. *Appl. Phys. A* 31, 45-49 (1983) PACS:42.82 73.00
- Williamson S., Mourou G.: Electron diffraction in the picosecond domain. *Appl. Phys. B* 28, 249-250 (1982) PACS:42.80
- Wilson T., Hamilton D.K.: Differential amplitude contrast imaging in the scanning optical microscope. *Appl. Phys. B* 32, 187-191 (1983) PACS:42.80
- Xiong G.: Mode coupling in folding rectangular waveguide resonators. *Appl. Phys. B* 29, 156 (1982) PACS:42.80
- Yu F.T.S., Zhang Y.W., Zhuang S.L.: Coherence requirement for partially coherent correlation detection. *Appl. Phys. B* 30, 23-27 (1983) PACS:42.80

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52 PHYSICS OF PLASMAS, AND ELECTRIC DISCHARGES

- Baldis H.A., Walsh C.J.: Measurement of omega and k of plasma fluctuations with time resolved (20 ps) Thomson scattering. *Appl. Phys. B* 28, 293-294 (1982) PACS:52.00
- Capjack C.E., Seguin H.J.J., Antonuk D., Seguin V.A.: A magnetically stabilized coaxial laser discharge. *Appl. Phys. B* 26, 161-167 (1981) PACS:52.80 42.55
- Döbele H.F., Hörl M., Röwekamp M., Reimann B.: Detection of atomic oxygen by laser-induced fluorescence spectroscopy at 130 nm. *Appl. Phys. B* 39, 91-95 (1986) PACS:52.70 42.65 32.50
- Fischer J., Kühne M.: Time duration of VUV-radiation emission of a laser produced plasma as function of laser pulse length and wavelength of observation. *Appl. Phys. B* 32, 157-159 (1983) PACS:52.75 42.72
- Gellert B., Kronast B.: Investigation of stimulated Brillouin scattering under well-defined interaction conditions. Part I. Experimental basis. *Appl. Phys. B* 32, 175-186 (1983) PACS:52.25 52.35
- Gellert B., Kronast B.: Investigation of stimulated Brillouin scattering under well-defined interaction conditions, Part II. Experimental results and interpretation. *Appl. Phys. B* 33, 29-41 (1984) PACS:52.35
- Graf H.P., Meili H.P., Fischer E., Schoetzau H.J.: Axially blown SF₆-arcs around current zero. *Appl. Phys. B* 36, 33-40 (1985) PACS:52.00 42.80
- Halbritter J.: Dynamical enhanced electron emission and discharges at contaminated surfaces. *Appl. Phys. A* 39, 49-57 (1986) PACS:52.80 52.90 77.50 85.30
- Johnson III J.A., Ramatiah R.: Phase coherent effects in a collisional turbulent plasma. *Appl. Phys. B* 35, 237-241 (1984) PACS:52.35 52.25 51.50
- Kato Y., Mima K.: Random phase shifting of laser beam for absorption profile smoothing and instability suppression in laser produced plasmas. *Appl. Phys. B* 29, 186-187 (1982) PACS:52.00
- McCorkle R.A.: The high-power sliding-spark capillary discharge in vacuum: Variations and applications. *Appl. Phys. A* 26, 261-270 (1981) PACS:52.00 07.00
- McCrory R.L.: A review of short-wavelength, direct drive laser fusion research at the laboratory for laser energetics. *Appl. Phys. B* 28, 269-270 (1982) PACS:52.00 42.55

- Mizeraczyk J., Neiger M.:
On the high-voltage regime of the discharge in hollow-cathode tube.
Appl. Phys. B 33, 17-21 (1984) PACS:52.00 42.60
- Nicolosi P., Jannitti E., Tondello G.:
Soft X-ray emission of continua from laser produced plasmas.
Appl. Phys. B 26, 117-124 (1981) PACS:52.75 32.90
- Nishimura Y., Fujimoto T.:
2537 Ang. line from a low-pressure mercury discharge lamp emission profile and line absorption by a gas containing a mercury vapor.
Appl. Phys. B 38, 91-98 (1985) PACS:52.23 52.70 52.80
- Okuyama F.:
A simple technique to deposit molybdenum thin films.
Appl. Phys. A 28, 125-128 (1982) PACS:52.00 68.55
- Rüegsegger W., Kneubühl F.K., Schötzau H.J.:
Mass spectrometry of high pressure arcs in air and SF₆.
Appl. Phys. B 31, 9-13 (1983) PACS:52.70 82.80 07.75
- Rüegsegger W., Meier R., Kneubühl F.K., Schötzau H.J.:
Mass spectrometry of arcs in SF₆ circuit breakers.
Appl. Phys. B 37, 115-135 (1985) PACS:52.70 52.75 52.80 07.75
- Seely J.F.:
Pulsed megagauss fields produced by laser-driven coils.
Appl. Phys. B 31, 37-43 (1983) PACS:52.50 52.70
- Shields H., Alcock A.J., Taylor R.S.:
Preionization kinetics of an X-ray preionized XeCl gas discharge laser.
Appl. Phys. B 31, 27-35 (1983) PACS:52.00 42.55
- Singer S.:
10.6 μ m laser fusion experiments at Los Alamos.
Appl. Phys. B 28, 269 (1982) PACS:52.00
- Ursu I., Apostol I., Barbulescu D., Dinescu M., Mihailescu I.N., Prokhorov A.M., Ageev V.P., Tokarev V.N.:
On the "anomalous" behaviour of aluminium irradiated by microsecond pulsed TE-CO₂ laser radiation in vacuum.
Appl. Phys. B 29, 187-188 (1982) PACS:52.00
- Weber E.W., Frankenberger R., Schilling M.:
Nonlinear plasma spectroscopy of the hydrogen Balmer-alpha line.
Appl. Phys. B 32, 63-73 (1983) PACS:52.70 52.25 52.80 42.65
- Yamanaka C., Nakai S., Yamanaka T., Kato Y., Mochizuki T.:
Blue, green, red, and infrared laser implosion fusion at ILE OSAKA.
Appl. Phys. B 28, 271 (1982) PACS:52.00 42.55
- One-dimensional regular arrays of antiphase domain boundaries in anti-ferroelectric tin-substituted lead zirconate titanate (PZT) ceramics.
Appl. Phys. A 36, 221-227 (1985) PACS:61.10 61.70 64.00 77.00
- Chang Y.-J.:
A TEM study of crystal and domain structures of Nb-doped 95/5 PZT ceramics.
Appl. Phys. A 29, 237-244 (1982) PACS:61.10 64.00 68.55 77.80
- Danesh P., Simov S., Pashov N., Kalitzova M., Bonhomme P., Balossier G.:
Structural study of glow discharge a-Si:H films.
Appl. Phys. A 39, 297-299 (1986) PACS:61.10
- Henzler M.:
Measurement of surface defects by low-energy electron diffraction.
Appl. Phys. A 34, 205-214 (1984) PACS:61.14 68.20
- Lucuta P.G., Teodorescu V., Vasiliu F.:
SEM, SAED, and TEM investigations of domain structure in PZT ceramics at morphotropic phase boundary.
Appl. Phys. A 37, 237-242 (1985) PACS:61.10 64.00 68.55 77.80
- Maglietta M.:
Study of the structure of a c(2x2) overlayer of carbon monoxide on Co(001) by LEED intensity measurements.
Appl. Phys. A 31, 165-170 (1983) PACS:61.14
- Rauschenbach B.:
Formation of copper/gold solid solutions by ion beam mixing.
Appl. Phys. A 40, 47-57 (1986) PACS:61.14 61.70 81.40
- Razik N.A.:
Precise lattice constants determination of cubic crystals from X-ray powder diffractometric measurements.
Appl. Phys. A 37, 187-189 (1985) PACS:61.10 81.30 61.80
- Schattschneider P., Wagendristel A.:
Recovery of concentration spectra of binary solids from diffraction profiles by means of band matrices.
Appl. Phys. A 31, 81-86 (1983) PACS:61.10 81.70 02.30 02.60
- Semerad E., Wagendristel A., Schattschneider P., Bangert H.:
Diffraction profiles of thin film diffusion couples.
Appl. Phys. A 26, 247-253 (1981) PACS:61.10 66.30 68.90
- Woods C.L., Matson C.L., Salour M.M.:
Crystallographic fringe orientation diffraction efficiency in bismuth silicon oxide.
Appl. Phys. A 40, 177-182 (1986) PACS:61.10 72.40 78.20

61.20 Liquid structure and liquid crystals

- Abou El Ela A.H., Sharaf K.A., Labib H.H.A.:
Viscosity of liquid selenium and selenium-sulphur mixtures.
Appl. Phys. A 26, 203-206 (1981) PACS:61.20
- Barbero G., Strigazzi A.:
The contrast gain in a guest-host nematic display due to a periodic boundary condition.
Appl. Phys. A 31, 55-57 (1983) PACS:61.30
- Baber N., Strugalski Z.:
A new method for solid surface topographical studies using nematic liquid crystals.
Appl. Phys. A 33, 209-211 (1984) PACS:61.30 68.20
- Gerber P.R.:
Measurement of the rotational viscosity of nematic liquid crystals.
Appl. Phys. A 26, 139-142 (1981) PACS:61.30

61.40 Amorphous and polymeric materials

- Baczewski L.T., Lipinski E.:
Mechanical properties of Co-Si-B amorphous alloys.
Appl. Phys. A 30, 213-216 (1983) PACS:61.40 62.00
- Fernengel W., Kronmüller H., Rapp M., He Y.:
The activation energy of crystallization of amorphous Fe₄₀Ni₄₀P₁₄B₆.
Appl. Phys. A 28, 137-144 (1982) PACS:61.40 64.00 66.00 75.30
- French I.D., Snell A.J., LeComber P.G., Stephen J.H.:
The effect of gamma-irradiation on amorphous silicon field effect transistors.
Appl. Phys. A 31, 19-22 (1983) PACS:61.40 61.80 85.30 85.60
- Friedrich J., Haarer D.:
Tunneling and relaxation processes in organic glasses as studied by photochemical hole burning.
Appl. Phys. B 28, 262-263 (1982) PACS:61.40
- Kamli U., Allmen M.von, Saunders N., Miodownik A.P.:
A comparison of glass forming ability in Ag-Si and Au-Si alloys.
Appl. Phys. A 36, 189-192 (1985) PACS:61.40
- Kukreja L.M., Bhawalkar D.D., Chatterjee U.K., Gupta B.L.:
Experimental study of laser induced decomposition based processing of a brittle plastic, CR-39 (allyl diglycol carbonate).
Appl. Phys. A 36, 19-25 (1985) PACS:61.40 42.60
- Laridjani M., Krishnan R., Pszczolkowska E.O., Danczygier M.:
Sputtered ductile amorphous Fe₈₀B₂₀ foils. A structural and magnetic study.
Appl. Phys. A 34, 111-115 (1984) PACS:61.40 75.00 81.10

52.40 Plasma interactions

- Goldman L.M., Seka W., Tanaka K., Bingham R., Williams E.:
Stimulated Brillouin and allied processes in UV laser-plasmas.
Appl. Phys. B 28, 292 (1982) PACS:52.40
- Keck R.L., Goldman L.M., Seka W., Yaakobi B.:
X-ray emission from UV laser plasmas.
Appl. Phys. B 28, 290-291 (1982) PACS:52.40
- Seka W., Goldman L.M., Sours J.M., Craxton R.S., Boehly T., Keck R.L., Tanaka K., Boni R.:
Laser-matter interaction phenomena in UV laser-produced plasmas.
Appl. Phys. B 28, 290 (1982) PACS:52.40
- Tanaka K., Goldman L.M., Seka W., Bingham R., Williams E.:
Instabilities at and below nc/4 in UV laser-plasmas.
Appl. Phys. B 28, 291 (1982) PACS:52.40
- Yamanaka T., Azechi H., Nakai M., Yabe T., Shiraga H., Mizutani F., Nakai S., Yamanaka C.:
Efficient green-blue implosion experiments.
Appl. Phys. B 28, 272-273 (1982) PACS:52.40 51.00

CONDENSED MATTER: STRUCTURE, MECHANICAL AND THERMAL PROPERTIES

61 STRUCTURE OF LIQUIDS AND SOLIDS: CRYSTALLOGRAPHY

- Morita A.:
Semiconducting black phosphorus.
Appl. Phys. A 39, 227-242 (1986) PACS:61.00 71.00 72.00 74.00

61.10 Determination of structure

- Chang S.L., Prado Valladares J.A.:
Direct determination of X-ray reflection phases for noncentrosymmetric crystals.
Appl. Phys. A 37, 57-64 (1985) PACS:61.10
- Chang S.-L.:
Direct experimental method for the determination of X-ray reflection phases.
Appl. Phys. A 26, 221-226 (1981) PACS:61.10
- Chang Y.-J., Lian J.-Y., Wang Y.-L.:
One-dimensional regular arrays of antiphase domain boundaries in anti-ferroelectric tin-substituted lead zirconate titanate (PZT) ceramics.
Appl. Phys. A 36, 221-227 (1985) PACS:61.10 61.70 64.00 77.00

- Mackenzie K.D., Snell A.J., French I., LeComber P.G., Spear W.E.: The characteristics and properties of optimised amorphous silicon field effect transistors. *Appl. Phys. A* 31, 87-92 (1983) PACS:61.40 85.30 85.60
- Müller G., Kalbitzer S., Mannsperger H.: A chemical-bond approach to doping, compensation and photo-induced degradation in amorphous silicon. *Appl. Phys. A* 39, 243-250 (1986) PACS:61.40
- Shen S.C., Jue Q.L., Cardona M.: Infrared absorption for B- and P-alloyed a-Si: Effects of annealing. *Appl. Phys. A* 28, 215-221 (1982) PACS:61.40 78.30 33.20
- Snell A.J., Daghmane A., LeComber P.G., Spear W.E.: A new vertically integrated amorphous silicon addressable image sensor. *Appl. Phys. A* 34, 175-178 (1984) PACS:61.40 85.30 85.60
- Yli-Kauppi J., Moser P., Künzi H., Hautajärvi P.: Positron lifetime measurements on electron irradiation damage in amorphous Pd₈₀Si₂₀ and Cu₅₀Ti₅₀ alloys. *Appl. Phys. A* 27, 31-33 (1982) PACS:61.40 61.80 78.70
- Zhou Xinming, Khan H.R., Raub Ch.J.: Study of the formation, crystallization and electrical properties of Pd(0.83-x)Si_{0.17} (x = Fe, Co, Ni; x = 0.05, 0.10, 0.15) metallic glasses. *Appl. Phys. A* 34, 167-173 (1984) PACS:61.40
- ### 61.50 Crystalline state
- Bender H., Veirman A.de, Landuyt J.van, Amelinckx S.: HREM investigation of twinning in very high dose phosphorus ion-implanted silicon. *Appl. Phys. A* 39, 83-90 (1986) PACS:61.50 61.70 68.55
- Ortiz C., Bjorklund G.C.: Laser spectroscopy of aggregate color centers in polycrystalline hosts. *Appl. Phys. B* 28, 309 (1982) PACS:61.50 42.80
- Bender H., Veirman A.de, Landuyt J.van, Amelinckx S.: HREM investigation of twinning in very high dose phosphorus ion-implanted silicon. *Appl. Phys. A* 39, 83-90 (1986) PACS:61.50 61.70 68.55
- Ortiz C., Bjorklund G.C.: Laser spectroscopy of aggregate color centers in polycrystalline hosts. *Appl. Phys. B* 28, 309 (1982) PACS:61.50 42.80
- ### 61.70 Defects in crystals
- Boileau F., Geffroy B., Paulin R.: Vacancy migration energy in quenched Al-Mg_{0.01} alloy by positron annihilation. *Appl. Phys. A* 26, 107-113 (1981) PACS:61.70 78.70
- Borisov M., Germanova K., Hardalov Ch., Tosheva T.: Surface space-charge layer analysis in semi-insulating GaAs containing deep levels in bulk. *Appl. Phys. A* 40, 219-225 (1986) PACS:61.70 73.40
- Campisano S.U.: Impurity and concentration dependence of growth rate during solid epitaxy of implanted Si. *Appl. Phys. A* 29, 147-149 (1982) PACS:61.70 64.70 68.48 81.40
- Campisano S.U.: Non-equilibrium dopants incorporation in silicon melted by laser pulses. *Appl. Phys. A* 30, 195-211 (1983) PACS:61.70 81.10 66.30
- Campisano S.U., Chang C.T.: Temperature and concentration dependence of epitaxial growth rate in Sb and Ga implanted Si. *Appl. Phys. A* 31, 157-160 (1983) PACS:61.70 81.40
- Conzelmann H., Graff K., Weber E.R.: Chromium and chromium-boron pairs in silicon. *Appl. Phys. A* 30, 169-175 (1983) PACS:61.70 71.55 78.55 76.30
- Dirks H., Eifert B.: Preparation of Nb₃Sn structures on low pinning niobium foils for use in guided flux motion experiments. *Appl. Phys. A* 27, 167-169 (1982) PACS:61.70 68.00 74.00
- Figiel'ski T.: Formation of antisite defects by gliding dislocations in sphalerite-structure crystals. *Appl. Phys. A* 29, 199-200 (1982) PACS:61.70
- Figiel'ski T.: Compensation in GaAs crystals due to anti-structure disorder. *Appl. Phys. A* 35, 255-261 (1984) PACS:61.70 64.80 72.80
- Figiel'ski T.: Mechanism for the creation of antisite defects during combined climb-glide motion of dislocations in sphalerite-structure crystals. *Appl. Phys. A* 36, 217-219 (1985) PACS:61.70
- Figiel'ski T., Kaczmarek E., Wosinski T.: Double anion antisite in GaAs - the simplest member of EL2 family? *Appl. Phys. A* 38, 253-261 (1985) PACS:61.70 71.55
- Gösele U., Tan T.Y.: Oxygen diffusion and thermal donor formation in silicon. *Appl. Phys. A* 28, 79-92 (1982) PACS:61.70 66.30 85.30
- Hautajärvi P., Johansson J., Vehanen A., Yli-Kauppi J., Hillairet J., Tzanetakis P.: Trapping of positrons at vacancies in magnesium. *Appl. Phys. A* 27, 49-56 (1982) PACS:61.70 78.70
- Hidalgo C., Diego N.de, Moser P.: The recovery of electron irradiated zinc and cadmium by positron annihilation spectroscopy. *Appl. Phys. A* 40, 25-28 (1986) PACS:61.70 61.80 78.70
- Hofmann K., Schulz M.: Tellurium-related trap levels in silicon. *Appl. Phys. A* 33, 19-24 (1984) PACS:61.70 71.55
- Itoh Y., Katoh K., Hirabayashi K., Murase K.: The relation between lattice-parameter and particle size in ZnS:Cu phosphor. *Appl. Phys. A* 26, 227-230 (1981) PACS:61.70 72.80 78.60
- Jaworska D., Stelanko J., Tarnowska E.: Au gettering by Ne and Ar implantation in silicon. *Appl. Phys. A* 35, 119-124 (1984) PACS:61.70 66.00 85.30 79.20
- Kam T.T., Chatterjee S.S., Heusler K.E.: Influence of electrolytic hydrogen on the etch pit density of iron (110) surfaces. *Appl. Phys. A* 35, 219-226 (1984) PACS:61.70 66.30 68.20
- Kathrein H., Gonska H., Freund F.: Subsurface segregation and diffusion of carbon in magnesium oxide. *Appl. Phys. A* 30, 33-41 (1983) PACS:61.70 66.30 79.60
- Keller W., Wüstel K.: Thermal donors in silicon: Consistent interpretation of Hall-effect and capacitance transient spectroscopy. *Appl. Phys. A* 31, 9-12 (1983) PACS:61.70 71.55
- Langfeld R., Baumann H., Bethge K., Krimmel E.F., Wondrak W.: Time-resolved defect production and annealing during electron-beam processing of silicon. *Appl. Phys. A* 33, 251-254 (1984) PACS:61.70 61.80
- Lau F., Gösele U.: Two-dimensional phosphorus diffusion for soft drains in silicon MOS transistors. *Appl. Phys. A* 40, 101-107 (1986) PACS:61.70 66.30
- Lynn K.G., Schultz P.J.: Vacancy formation energy measurements in single crystal aluminum using a variable-energy positron beam. *Appl. Phys. A* 37, 31-36 (1985) PACS:61.70 71.60
- Lynn K.G., Schultz P.J.: Vacancy formation energy measurements in single crystal aluminum using a variable-energy positron beam. *ERRATUM to Appl. Phys. A* 37, 31-36 (1985). *Appl. Phys. A* 38, 293 (1985) PACS:61.70 71.60
- Maldonado C.D., Louie S.A.: Thermal redistribution of boron implants in bulk silicon and SOS type structures. *Appl. Phys. A* 27, 219-231 (1982) PACS:61.70 66.30
- Massies J., Sauvage-Simkin M.: Mismatch and electron mobility in MBE GaIn_{1-x}As epitaxial layers on InP substrates. *Appl. Phys. A* 32, 27-30 (1983) PACS:61.70 72.20 81.15
- Möller W., Besenbacher F., Bottiger J.: Saturation and isotope mixing during low-temperature implantations of hydrogen into metals. *Appl. Phys. A* 27, 19-29 (1982) PACS:61.70 61.80
- Niklas A.: Thermoluminescence of YAG:Nd crystals coloured with X-rays. *Appl. Phys. B* 34, 87-92 (1984) PACS:61.70 61.80 71.35 78.55
- Niklas A.: Disclosure of defects in YAG crystals by the thermoluminescence method. *Appl. Phys. A* 35, 249-253 (1984) PACS:61.70 61.80 71.35 78.55
- Nitecki R., Pohoryles B.: Tunneling from dislocation cores in silicon Schottky diodes. *Appl. Phys. A* 36, 55-61 (1985) PACS:61.70
- Nylandsted Larsen A., Borisenko V.E.: Behaviour of implanted arsenic in silicon single crystal subjected to transient heating with incoherent light. *Appl. Phys. A* 33, 51-58 (1984) PACS:61.70 61.80
- Palmetshofer L.: Ion implantation in IV - VI semiconductors. *Appl. Phys. A* 34, 139-153 (1984) PACS:61.70 61.80 71.55
- Räsänen J.: Annealing behaviour of C-, N-, Mg-, Al- and P-implanted Si and Ge. *Appl. Phys. A* 30, 87-93 (1983) PACS:61.70 66.30
- Sawada R., Karaki T., Watanabe J.: Generation of dislocations introduced by bending stress in a Si wafer. *Appl. Phys. A* 31, 109-114 (1983) PACS:61.70 65.00

- Seeger A., Frank W.:
On the theory of the diffusion of gold into dislocated silicon wafers.
Appl. Phys. A 27, 171-176 (1982) PACS:61.70 66.00 85.30
- Segers D., Brabander F., Dorikens Vanpraet L., Dorikens M.:
Isothermal annealing of room temperature deformed iron studied with the positron annihilation technique.
Appl. Phys. A 27, 129-132 (1982) PACS:61.70 78.70
- Servidori M., Cembali F., Negrini P.:
Iron contamination in ion implanted silicon, as revealed by X-ray and electron diffraction.
Appl. Phys. A 39, 191-195 (1986) PACS:61.70 61.80
- Shirai Y., Furukawa K., Takamura J., Yamada W., Iwata S.:
Nucleation process of stacking fault tetrahedra in gold studied by positron lifetime spectroscopy.
Appl. Phys. A 37, 65-72 (1985) PACS:61.70 78.70
- Slaoui A., Barhdadi A., Muller J.C., Siffer P.:
Passivation of laser induced defects in silicon by low energy hydrogen ion implantation.
Appl. Phys. A 39, 159-162 (1986) PACS:61.70 79.20 61.80
- Stagni L., Lizzio R.:
Shape effects in the interaction between an edge dislocation and an elliptical inhomogeneity.
Appl. Phys. A 30, 217-221 (1983) PACS:61.70 46.30 62.20
- Stoll H.:
Vacancy noise measurements in metals: Calculation of the power spectrum.
Appl. Phys. A 30, 117-122 (1983) PACS:61.70 72.70
- Stolwijk N.A., Schuster B., Hölzl J.:
Diffusion of gold in silicon studied by means of neutron-activation analysis and spreading-resistance measurements.
Appl. Phys. A 33, 133-140 (1984) PACS:61.70 66.30 85.30
- Stolwijk N.A., Hölzl J., Frank W., Weber E.R., Mehrer H.:
Diffusion of gold in dislocation-free or highly dislocated silicon measured by the spreading-resistance technique.
Appl. Phys. A 39, 37-48 (1986) PACS:61.70 66.30 85.30
- Tamura M., Shukuri S., Moniwa M., Defaut M.:
Focused ion beam gallium implantation into silicon.
Appl. Phys. A 39, 183-190 (1986) PACS:61.70 61.80
- Tan T.Y., Gösele U., Morehead F.F.:
On the nature of point defects and the effect of oxidation on substitutional dopant diffusion in silicon.
Appl. Phys. A 31, 97-108 (1983) PACS:61.70 66.30 85.30
- Tan T.Y., Gösele U.:
Point defects, diffusion processes, and swirl defect formation in silicon.
Appl. Phys. A 37, 1-17 (1985) PACS:61.70 66.30 85.30
- Tenne R., Shatkey M.:
Photoelectrochemical etching of ZnS: Further evidence for non-uniform flow of charge carriers in Schottky barriers.
Appl. Phys. B 35, 243-247 (1984) PACS:61.70 73.40
- Tenne R., Marcu V., Prior Y.:
Photoelectrochemical etching of compound semiconductors: Wavelength dependence.
Appl. Phys. A 37, 205-209 (1985) PACS:61.70 73.40 72.80
- Turos A., Mayer O., Geerk J.:
Supersaturated Si-As alloy formation by ion implantation and pulsed electron beam annealing.
Appl. Phys. A 28, 99-102 (1982) PACS:61.70 81.40
- Vitali G., Zammit U., Marinelli M., Bertolotti M.:
Low-power multi-pulse laser annealing of alpha-Ge.
Appl. Phys. A 30, 161-167 (1983) PACS:61.70 61.80 68.55
- Vitali G., Marinelli M., Zammit U., Scudieri F.:
Temperature gradients effects in low-power laser annealing of ion implanted alpha-Ge.
Appl. Phys. A 35, 233-239 (1984) PACS:61.70 61.80 68.50
- Voves J., Rybka V., Treistikov V.:
C-V technique on Schottky contacts. Limitation of implanted profiles.
Appl. Phys. A 37, 225-229 (1985) PACS:61.70
- Wang Y., Wang W., Lee Y.:
The X-ray diffraction intensity of cyclically loaded Al.
Appl. Phys. A 30, 123-126 (1983) PACS:61.70
- Wang Y., Zhang Z.:
X-ray line profile analysis of dislocations and stacking faults in deformed copper.
Appl. Phys. A 35, 109-114 (1984) PACS:61.70
- Weber E.R.:
Transition metals in silicon.
Appl. Phys. A 30, 1-22 (1983) PACS:61.70 71.55 82.60
- Wetting W., Windscheif J.:
Direct and fast comparison of near-infrared absorption and photoluminescence topography of semiinsulating GaAs wafers.
Appl. Phys. A 40, 191-195 (1986) PACS:61.70 78.50 78.55
- Wosinski T., Morawski A., Figielski T.:
Arsenic antisite defects as the main electron traps in plastically deformed GaAs.
Appl. Phys. A 30, 233-235 (1983) PACS:61.70 71.55
- Wosinski T.:
Evidence for two energy levels associated with EL2 trap in GaAs.
Appl. Phys. A 36, 213-216 (1985) PACS:61.70 71.55
- Zwei S., Li S., Guan H.:
X-ray studies of dislocations in multi-layer Cu films.
Appl. Phys. A 39, 65-66 (1986) PACS:61.70

61.80 Radiation damage and other irradiation effects

- Albrecht D., Armbruster P., Spohr R., Roth M., Schaupt K., Stuhmann H.:
Investigation of heavy ion produced defect structures in insulators by small angle scattering.
Appl. Phys. A 37, 37-46 (1985) PACS:61.80 61.40
- Averback R.S., Peak D.:
Effect of projectile energy, specimen temperature and fast thermal diffusing atoms on ion beam mixing.
Appl. Phys. A 38, 139-143 (1985) PACS:61.80 66.30
- Averback R.S., Peak D., Thompson L.J.:
Ion-beam mixing in pure and in immiscible copper bilayer systems.
Appl. Phys. A 39, 59-64 (1986) PACS:61.80 66.30
- Besenbacher F., Bottiger J., Nielsen S.K., Whitlow H.J.:
Short- and long-range ion-beam mixing in Cu:Al. Influence of interfacial oxide.
Appl. Phys. A 29, 141-145 (1982) PACS:61.80 61.70 64.75
- Blosse A., Bourgojn J.C.:
Defects in pulsed laser and thermal processed ion implanted silicon.
Appl. Phys. A 34, 1-11 (1984) PACS:61.80 71.55 61.70
- Boyd I.W.:
Incorporation of oxygen atoms into As+ implanted silicon during CW CO₂ laser annealing in O₂.
Appl. Phys. A 31, 71-74 (1983) PACS:61.80 78.50 42.60
- Brudnyi V.N., Vorobiev S.A., Tsai A.A.:
Positron annihilation and Hall effect in electron irradiated n-InP crystals.
Appl. Phys. A 29, 219-223 (1982) PACS:61.80 71.55 78.70
- Cojocaru E., Comaniciu N., Mihailescu I.N., Nanu L., Nistor L.C., Teodorescu V.:
Free-running ruby laser annealing of boron implanted silicon.
Appl. Phys. A 26, 243-246 (1981) PACS:61.80 42.80 85.30
- Collins R.A., Johnston D.F.C., Dearnaley G.:
Tantalum and cobalt silicides: Temperature sensor applications.
Appl. Phys. A 40, 109-117 (1986) PACS:61.80 72.80
- Fritzsche C.R., Rothenmund W.:
The lateral extension of radiation damage in ion-implanted semiconductors.
Appl. Phys. A 32, 129-134 (1983) PACS:61.80 61.16 61.70
- Gratton L.M., Miotello A., Tosello C.:
Effective temperature in the impact surface region during 100 keV Xe+ implantation of copper bars.
Appl. Phys. A 36, 139-141 (1985) PACS:61.80 79.20
- Gupta A., Sen, Naidu S.V., Sen P.:
Annealing study of defects in alpha-irradiated n-type GaAs by positron-annihilation technique.
Appl. Phys. A 40, 95-99 (1986) PACS:61.80 78.70
- Hora H.:
Stress in silicon crystals from ion-implanted amorphous regions.
Appl. Phys. A 32, 217-221 (1983) PACS:61.80 64.75
- Kubiak R.A.A., King R.M., Parker E.H.C.:
Oxidation and thermal annealing effects on native and ion-irradiated PbTe films grown by molecular beam deposition.
Appl. Phys. A 37, 145-151 (1985) PACS:61.80 73.60 82.65
- Lang B., Tsoufik A.:
Critical energy for damage at silicon surfaces bombarded with low-energy argon ions.
Appl. Phys. A 39, 95-99 (1986) PACS:61.80 79.20
- Mentzer M.A., Hunsperger R.G., Zavada J.M., Jenkinson H.A., Gavanis T.J.:
Temperature processing effects in proton-implanted n-type GaAs.
Appl. Phys. A 32, 19-25 (1983) PACS:61.80 42.82 34.00
- Mesli A., Muller J.C., Siffert P.:
Deep levels subsisting in ion implanted silicon after various transient thermal annealing procedures.
Appl. Phys. A 31, 147-152 (1983) PACS:61.80 85.30 71.20
- Riviere J.P., Delafond J., Jaouen C., Bellara A., Dinhut J.F.:
Ion-beam mixing kinetics of Fe-Al multilayers studied by in situ electrical resistivity measurements.
Appl. Phys. A 33, 77-82 (1984) PACS:61.80 72.15 73.60
- Ryssel H., Prinke G., Bernt H., Habeger K., Hoffmann K.:
Ion beam exposure of resists. I. Statistical limitations.
Appl. Phys. A 27, 239-241 (1982) PACS:61.80 84.80
- Saiki K., Tanaka S., Koma A.:
Energy distributions of low energy H ions backscattered from graphite, stainless steel, and molybdenum.
Appl. Phys. A 27, 263-268 (1982) PACS:61.80 79.20
- Scott M.G., Collins R.A., Dearnaley G.:
Ion-beam induced mixing in Al:Si.
Appl. Phys. A 36, 103-111 (1985) PACS:61.80 68.55

- Sigmund P.:
Mechanism of ion beam induced mixing of layered solids.
Appl. Phys. A 30, 43-46 (1983) PACS:61.80 64.75 66.30
- Speakman S.P., Collins R.A., Dearnaley G.:
Radiation damage and annealing studies of ion bombarded cobalt
Appl. Phys. A 35, 99-102 (1984) PACS:61.80 34.00
- Szörnyei T., Baufay L., Joliet M.C., Hanus F., Andrew R., Hevesi I.:
Kinetic studies of laser-induced synthesis of thin vanadium
pentoxide films.
Appl. Phys. A 39, 251-255 (1986) PACS:61.80 64.70 68.55
- Ursu I., Nanu L., Dinescu M., Hening A.I., Mihailescu I.N., Szil E.,
Hevesi I., Nanai L.:
Vanadium oxidation as a result of CW CO₂ laser irradiation in
atmospheric air.
Appl. Phys. A 35, 103-108 (1984) PACS:61.80 68.55
- Valkealahti S., Nieminen R.M.:
Monte-Carlo calculations of keV electron and positron slowing
down in solids.
Appl. Phys. A 32, 95-106 (1983) PACS:61.80 78.70 29.70
- Valkealahti S., Nieminen R.M.:
Monte Carlo calculations of keV electron and positron slowing
down in solids. II.
Appl. Phys. A 35, 51-59 (1984) PACS:61.80 78.70 29.70
- Yamaguchi S.:
Surface electric fields of tourmaline.
Appl. Phys. A 31, 183-185 (1983) PACS:61.80 85.30 71.20

62 MECHANICAL AND ACOUSTICAL PROPERTIES

- Apostolov A.V., Slavov S.H.:
Frequency spectrum and modes of vibration in circular, convex
AT-cut bevelled-design quartz resonators. General theory.
Appl. Phys. A 29, 33-37 (1982) PACS:62.00
- Jantz W., Koidl P., Wetzling W.:
Elastic, optical and nonlinear optical properties of InP₅₄.
Appl. Phys. A 30, 109-115 (1983) PACS:62.20 42.65 78.20
- Slavov S.H.:
Modes of vibration, motion inductance, and resonance interval
of circular, convex AT-cut bevelled design trapped energy
quartz resonators.
Appl. Phys. A 40, 59-65 (1986) PACS:62.00
- Tsuruoka F., Dransfeld K.:
The vibration and rotation of piezoelectric particles in high
frequency electric fields observed by a thermoacoustic method.
Appl. Phys. A 36, 125-130 (1985) PACS:62.00 43.35 43.85 43.90
- Zhang S.-y., Lu Z.-n., Yuan W.-b.:
Anomalous SAW velocity changes on Ti-diffused ZV-LiNbO₃.
Appl. Phys. A 40, 119-122 (1986) PACS:62.00 68.25

63 LATTICE DYNAMICS AND CRYSTAL STATISTICS OF CONDENSED MATTER

64 EQUATIONS OF STATE, PHASE EQUILIBRIA, AND PHASE TRANSITIONS

- Korotchenkov A.I., Samokhin A.A., Gus'kov A.P.:
Effect of intensity modulation on radiation-induced melting
and vaporization of solids.
Appl. Phys. A 27, 121-124 (1982) PACS:64.00 43.00
- Koster A., Laval S.:
Dispersion curves for phonon-polaritons associated with an
overdamped vibration mode.
Appl. Phys. A 26, 231-238 (1981) PACS:63.00 78.30
- Liu J.M., Lompre L.A., Kurz H., Bloembergen N.:
Phenomenology of picosecond heating and evaporation of silicon
surfaces coated with SiO₂ layers.
Appl. Phys. A 34, 25-29 (1984) PACS:64.70 44.00 79.20
- Mandelis A., Care F., Chan K.K., Miranda L.C.M.:
Photopyroelectric detection of phase transitions in solids.
Appl. Phys. A 38, 117-122 (1985) PACS:64.00 78.00
- Sitte W., Weppner W.:
Thermodynamics and phase stabilities of the ternary system
Li-In-Sb.
Appl. Phys. A 38, 31-36 (1985) PACS:64.70 65.50 82.45 82.60
- Will J.M., Eisfeld W., Renk K.F., Haussühl S.:
Tunable detection of high-frequency phonons in LaF₃.
Appl. Phys. A 31, 191-193 (1983) PACS:63.20

65 THERMAL PROPERTIES OF CONDENSED MATTER

- Bhandari C.M., Rowe D.M.:
High-temperature thermal transport in heavily doped small-
grain-size lead telluride.
Appl. Phys. A 37, 175-178 (1985) PACS:65.00 86.30
- Nikolic R., Kelic K., Neskovic O.:
The thermal conductivities of some low melting materials re-
levant to energy storage.
Appl. Phys. A 34, 199-203 (1984) PACS:65.00 86.00
- Schink H.J., Löhneysen H. von, Schröder B.:
Specific heat of neutron-irradiated crystalline and of vapor-
deposited silicon.
Appl. Phys. A 36, 15-18 (1985) PACS:65.00 85.00

- Toulemonde M., Unamuno S., Heddache R., Lampert M.O., Hage-Ali M.,
Siffert P.:
Time resolved reflectivity and melting depth measurements us-
ing pulsed ruby laser on silicon.
Appl. Phys. A 36, 31-36 (1985) PACS:65.00 42.60
- Zhan J.-y.:
Application of the modified sub-regular solution model to the
thermodynamic analysis of Al-Ga equilibrium diagrams.
Appl. Phys. A 34, 185-187 (1984) PACS:65.50 64.00 82.60

66 TRANSPORT PROPERTIES OF CONDENSED MATTER (nonelectronic)

- Barcz A.J., Nicolet M.-A.:
Ion mixing in Al, Si, and their oxides.
Appl. Phys. A 33, 167-173 (1984) PACS:66.30 79.20
- Bonzel H.P., Preuss E., Steffen B.:
The dynamical behavior of periodic surface profiles on metals
under the influence of anisotropic surface energy.
Appl. Phys. A 35, 1-8 (1984) PACS:66.30 68.20
- Bukaluk A., Rozadowski M., Siuda R.:
Determination of the grain boundary diffusion coefficient from
Ag surface coverage in thin Au-Ag film by Auger electron spec-
troscopy.
Appl. Phys. A 34, 193-194 (1984) PACS:66.00 68.00 81.00
- Bunkin N.F., Dmitriyev A.K., Luk'yanchuk B.S., Shafiev G.A.,
Szörnyei T.:
Thermodynamic instability and potential distribution in
laser-heated absorbing electrolytes.
Appl. Phys. A 40, 159-162 (1986) PACS:66.30 82.00 61.80
- Farrington G.C., Dunn B., Thomas J.O.:
The lanthanide B⁺ aluminas.
Appl. Phys. A 32, 159-161 (1983) PACS:66.30 61.70 42.60
- Hirvonen J.:
Annealing kinetics of ion-implanted nickel-aluminum alloy.
Appl. Phys. A 27, 243-246 (1982) PACS:66.30 61.70
- Hossain M.D.:
Dielectric properties of titanium and gadolinium doped MgO
single crystals.
Appl. Phys. A 29, 29-32 (1982) PACS:66.00 72.20 77.20
- Hossain M.D.:
Microwave dielectric properties of Ti₄/MgO and Ni₂/MgO.
Appl. Phys. A 36, 63-65 (1985) PACS:66.00 72.20 77.20
- Keinonen J., Räisänen J., Anttila A.:
Diffusion of nitrogen in vanadium and niobium.
Appl. Phys. A 34, 49-56 (1984) PACS:66.30 61.70
- Keinonen J., Räisänen J., Anttila A.:
Diffusion of nitrogen in ion-implanted chromium and tungsten.
Appl. Phys. A 35, 227-232 (1984) PACS:66.30 61.70
- Keinonen J., Räisänen J.:
Annealing behaviour of C-implanted alpha-Hf.
Appl. Phys. A 40, 253-256 (1986) PACS:66.30 61.70
- Kräutle H., Roentgen P., Maier M., Beneking H.:
Laser-induced doping of GaAs.
Appl. Phys. A 38, 49-56 (1985) PACS:66.30 82.65
- Kreuer K.D., Rabenau A., Messer R.:
Proton conductivity in the layer compound H₃UO₂AsO₄ · 3H₂O
(HUAAs): I. Conductivity in the orthorhombic low-temperature phase
and the vehicle mechanism of proton transport in solids.
Appl. Phys. A 32, 45-53 (1983) PACS:66.30 61.70 82.65
- Kreuer K.D., Rabenau A., Messer R.:
Proton conductivity in the layer compound H₃UO₂AsO₄ · 3H₂O
(HUAAs): II. Conductivity in the tetragonal high temperature
phase.
Appl. Phys. A 32, 155-158 (1983) PACS:66.30 61.70 82.65
- Langer J.J.:
Protonic p-n junction.
Appl. Phys. A 34, 195-198 (1984) PACS:66.10 82.45
- Langer J.J.:
A protonic rectifier diode.
Appl. Phys. A 38, 59-60 (1985) PACS:66.10 82.45 85.40
- Lappalainen R., Anttila A.:
Diffusion of Al in ion-implanted Pd and Pt.
Appl. Phys. A 35, 131-134 (1984) PACS:66.30 61.70
- Räisänen J., Keinonen J.:
Diffusion of Al in ion-implanted alpha-Zr and alpha-Hf.
Appl. Phys. A 36, 175-178 (1985) PACS:66.30 61.70
- Zundel T., Courcelle E., Mesli A., Muller J.C., Siffert P.:
Field-enhanced neutralization of electrically active boron in
hydrogen implanted Schottky diodes.
Appl. Phys. A 40, 67-69 (1986) PACS:66.30 72.80

68 SURFACES AND INTERFACES; THIN FILMS AND WHISKERS

- Badawy W., Doblhofer K.:
The role of the interfacial SiO_x layer in SnO₂/n-Si photocells
Appl. Phys. A 35, 189-192 (1984) PACS:68.00 73.40 86.30

- Braun M., Brewer R., Stuessi H., Veprek S.:
Determination of non-homogeneous high-concentration depth distributions using elastic backscattering data.
Appl. Phys. A 28, 25-33 (1982) PACS:68.00 81.00 29.00
- Chi C.C., Loy M.M.T., Cronmeyer D.C.:
Excitation of superconducting films by patterned laser illumination.
Appl. Phys. B 28, 306 (1982) PACS:68.00 42.70
- Ewert S.:
Excitation of molecules in inelastic electron tunneling spectroscopy.
Appl. Phys. A 26, 63-82 (1981) PACS:68.00 73.00 35.00
- Hatta A., Suzuki Y., Suetaka W.:
Infrared absorption enhancement of monolayer species on thin evaporated Ag films by use of a Kretschmann configuration: Evidence for two types of enhanced surface electric fields.
Appl. Phys. A 35, 135-140 (1984) PACS:68.00 78.00
- Karner C., Mandel A., Träger F.:
Pulsed laser photothermal displacement spectroscopy for surface studies.
Appl. Phys. A 38, 19-21 (1985) PACS:68.00 62.00 78.20
- Mandelis A., Siu E., Ho S.:
Photoacoustic spectroscopy of thin SiO₂ films grown on (100) crystalline Si substrates. A thermal interferometric technique complementary to optical interferometry.
Appl. Phys. A 33, 153-159 (1984) PACS:68.00 78.00
- Miskovsky N.M., Cutler P.H., Feuchtwang T.E., Lucas A.A.:
The multiple-image interactions and the mean-barrier approximation in MCM and MVM tunneling junctions.
Appl. Phys. A 27, 139-147 (1982) PACS:68.00 73.40 79.40
- Weitz D.A., Garoff S., Alvarez M.S., Chung J.C.:
Spectroscopy of adsorbed molecules using silver-island films.
Appl. Phys. B 28, 230 (1982) PACS:68.00
- Wokaun A., Liao P.F., Humphrey L.M., Stern M.B.:
Reflectivity of silver particle arrays exhibiting surface enhancement.
Appl. Phys. B 28, 230-231 (1982) PACS:68.00 82.65

68.10 Fluid surfaces and fluid-fluid interfaces

- Kingham D.R., Bell A.E.:
Comment on "Variational formulation for the equilibrium condition of a conducting fluid in an electric field".
Appl. Phys. A 36, 67-70 (1985) PACS:68.10 41.10 79.70
- Sujatha N., Cutler P.H., Kazes E., Rogers J.P., Miskovsky N.M.:
Variational formulation for the equilibrium condition of a conducting fluid in an electric field.
Appl. Phys. A 32, 55-61 (1983) PACS:68.10 41.10 79.00

68.20 Solid surface structures

- Gronwald K.-D., Henzler M.:
X-ray topography study of the cleaved Si(111)-face.
Appl. Phys. A 34, 253-261 (1984) PACS:68.20 61.10 62.20
- Grundner M., Jacob H.:
Investigations on hydrophilic and hydrophobic silicon (100) wafer surfaces by X-ray photoelectron and high-resolution electron energy loss spectroscopy.
Appl. Phys. A 39, 73-82 (1986) PACS:68.20 82.65 73.00
- Haase J.:
NEXAFS and SEXAFS studies of chemisorbed molecules.
Appl. Phys. A 38, 181-190 (1985) PACS:68.20 78.70
- Ibach H., Bruchmann H.D., Wagner H.:
Vibrational study of the initial stages of the oxidation of Si(111) and Si(100) surfaces.
Appl. Phys. A 29, 113-124 (1982) PACS:68.20 78.00
- Pashmakov B., Vateva E., Bekirov A.:
Electrophotographic multi-layer plates based on vacuum-evaporated cadmium sulphide and polyethylene.
Appl. Phys. A 37, 243-246 (1985) PACS:68.20 72.20
- Ritz A., Metz R., Lüth H.:
Cu-phthalocyanine overlayers on ZnO(1100) surfaces.
Appl. Phys. A 33, 37-41 (1984) PACS:68.20 78.30
- Sexton B.A.:
Identification of adsorbed species at metal surfaces by electron energy loss spectroscopy (EELS).
Appl. Phys. A 26, 1-18 (1981) PACS:68.20 68.30 82.65
- Smith G.B., McPhedran R.C., Derrick G.H.:
Surface structure and the optical properties of black chrome.
Appl. Phys. A 36, 194-204 (1985) PACS:68.20 78.00 86.30
- Taglauer E.:
Investigation of the local atomic arrangement on surfaces using low-energy ion scattering.
Appl. Phys. A 38, 161-170 (1985) PACS:68.20

68.25 Mechanical and acoustical properties of solid surfaces and interfaces

- Brüesch P., Müller K., Atrons A., Neff H.:
Corrosion of stainless steel in chloride solution: An XPS investigation of passive films.
Appl. Phys. A 38, 1-18 (1985) PACS:68.45 81.60
- Hinkov V., Barth M., Dransfeld K.:
Acoustical properties of proton exchanged LiNbO₃ investigated by Brillouin scattering.
Appl. Phys. A 38, 269-273 (1985) PACS:68.25 42.80 78.35 43.30
- Laxhuber L.A., Rothenhäusler B., Schneider G., Möhwald H.:
Thermodesorption of ultrathin organic films studied by reflection.
Appl. Phys. A 39, 173-181 (1986) PACS:68.25 78.65 81.40
- Menzel D.:
Electronically stimulated desorption.
Appl. Phys. A 38, 191-192 (1985) PACS:68.45 79.20
- Mazey L.Z., Giber J.:
Numerical values of the surface free energies of solid chemical elements.
Appl. Phys. A 35, 87-89 (1984) PACS:68.40 82.65
- Ritz A., Spitzer A., Lüth H.:
Adsorption of ethylene on clean and oxygen precovered Cu(110) surfaces.
Appl. Phys. A 34, 31-33 (1984) PACS:68.45 79.60
- Schäfer B., Hess P.:
Time-of-flight diagnostics of wavelength-dependent CO₂ laser-induced desorption from condensed layers.
Appl. Phys. B 37, 197-204 (1985) PACS:68.30 79.20 82.65
- Singh A., Knystautas E.J.:
X-ray photoelectron spectroscopy of boron implanted 4145 steel surface.
Appl. Phys. A 40, 91-93 (1986) PACS:68.25 73.20
- Urbascek M., Sigmund P.:
A note on evaporation from heated spikes.
Appl. Phys. A 35, 19-25 (1984) PACS:68.45 44.30 61.80 79.20

68.55 Thin film growth, structure, and epitaxy

- Briones F., Golmayo D., Gonz lez L., Miguel J.L.de:
Hydrogen sulphide doping of GaAs and Al_xGa_{1-x}As grown by molecular beam epitaxy (MBE).
Appl. Phys. A 36, 147-151 (1985) PACS:68.55 73.60
- Coufal H., Hefferle P.:
Thermal diffusivity measurements of thin films with a pyroelectric calorimeter.
Appl. Phys. A 38, 213-219 (1985) PACS:68.60 65.00
- Derrien J., Commandre M., Layet J.M., Salvan F., Cros A.:
Al reaction with SiO₂, an Auger electron spectroscopy and energy loss spectroscopy study.
Appl. Phys. A 28, 247-250 (1982) PACS:68.55 73.60 79.20 82.80
- D'Anna E., Leggieri G., Luches A., Majni G., Nava F., Ottaviani G.:
Metal silicides with energetic pulses.
Appl. Phys. A 40, 183-190 (1986) PACS:68.55 79.20
- Gossmann H.-J., Feldman L.C.:
Molecular beam epitaxy and reconstructed surfaces. Initial stages of interface formation in group IV-IV structures.
Appl. Phys. A 38, 171-179 (1985) PACS:68.55 68.20 61.80
- Gowers J.P.:
TEM image contrast from antiphase domains in GaAs:Ge(001) grown by MBE.
Appl. Phys. A 34, 231-236 (1984) PACS:68.55 61.70
- Künzel H., Knecht J., Jung H., Wüstel K., Ploog K.:
The effect of arsenic vapour species on electrical and optical properties of GaAs grown by molecular beam epitaxy.
Appl. Phys. A 28, 167-173 (1982) PACS:68.55 71.55 72.20 78.55
- Levy D., Grob A., Grob J.J., Ponpon J.P.:
Formation of palladium silicide by rapid thermal annealing.
Appl. Phys. A 35, 141-144 (1984) PACS:68.55 81.10
- Levy D., Ponpon J.P., Grob A., Grob J.J., Stuck R.:
Rapid thermal annealing and titanium silicide formation.
Appl. Phys. A 38, 23-29 (1985) PACS:68.55 81.10 73.40
- Lien C.-D., Finetti M., Nicolet M.-A.:
Comparison of Schottky barrier heights of CoSi₂ formed from evaporated or crystalline Si.
Appl. Phys. A 35, 47-50 (1984) PACS:68.55 73.30
- Lien C.-D., Nicolet M.-A., Lau S.S.:
Kinetics of CoSi₂ from evaporated silicon.
Appl. Phys. A 34, 249-251 (1984) PACS:68.55 64.70 66.30
- Lien C.-D., Nicolet M.-A., Pai C.S., Lau S.S.:
Growth of Co-silicides from single crystal and evaporated Si.
Appl. Phys. A 36, 153-157 (1985) PACS:68.55 64.70 66.30
- Morita S., Toda K.:
Preparation of Pb₂CrO₅ thin films by an electron-beam evaporation technique.
Appl. Phys. A 36, 131-137 (1985) PACS:68.55 77.55 81.15

- Müller K.-H.:
Modelling ion-assisted deposition of CeO₂ films.
Appl. Phys. A 40, 209-213 (1986) PACS:68.55 77.55 68.99
- Neave J.H., Joyce B.A., Dobson P.J.:
Dynamic RHEED observations of the MBE growth of GaAs. Substrate temperature and beam azimuth effects.
Appl. Phys. A 34, 179-184 (1984) PACS:68.55
- Neave J.H., Joyce B.A., Dobson P.J., Norton N.:
Dynamics of film growth of GaAs by MBE from RHEED observations
Appl. Phys. A 31, 1-8 (1983) PACS:68.55
- Okuyama F., Fujimoto Y., Kato S., Kondo T.:
Growth of molybdenum carbide particles from an amorphous phase induced by ion bombardment.
Appl. Phys. A 38, 275-279 (1985) PACS:68.55 82.65
- Rahman Khan M.S.:
Amorphous to crystalline transition in Dy-Fe thin films.
Appl. Phys. A 30, 241-245 (1986) PACS:68.55 81.10 61.50
- Rytz-Froidevaux V., Salathe R.P., Gilgen H.H., Weber H.P.:
Cadmium deposition on transparent substrates by laser induced dissociation of Cd(CH₃)₂ at visible wavelengths.
Appl. Phys. A 27, 133-138 (1982) PACS:68.55 81.15 82.50
- Schubert E.F., Ploog K., Dümkes H., Heime K.:
Selectivity doped n-AlGa_{1-x}As/GaAs heterostructures with high mobility two-dimensional electron gas for field effect transistors.
Appl. Phys. A 33, 63-76 (1984) PACS:68.55 72.00 73.40 85.30
- Sidorski Z.:
Formation of a metallic layer from individual atoms.
Appl. Phys. A 33, 213-225 (1984) PACS:68.55 73.60
- Stolz W., Tapfer L., Breitschwerdt A., Ploog K.:
Optical and structural properties of molecular-beam epitaxially grown Ga_{0.47}In_{0.53}As/Al_{0.48}In_{0.52}As superlattices, emitting at 1.55 μ m at room temperature.
Appl. Phys. A 38, 97-102 (1985) PACS:68.55 61.10 78.65 78.55
- Sundaram K.B., Garside B.K.:
Controlled doping of RF sputtered germanium films.
Appl. Phys. A 34, 117-121 (1984) PACS:68.55 73.60
- Tate A., Jinguiji K., Yamada T., Takato N.:
Theoretical and experimental investigations on the deposition rate and processes of parallel incident laser-induced CVD.
Appl. Phys. A 38, 221-226 (1985) PACS:68.55 42.60 82.50
- Voigtlaender K., Risken H., Kasper E.:
Modified growth theory for high supersaturation.
Appl. Phys. A 39, 31-36 (1986) PACS:68.55
- Weimann G., Schlapp W.:
Carrier concentration in modulation-doped AlGaAs-GaAs heterostructures.
Appl. Phys. A 37, 139-143 (1985) PACS:68.55 72.20 73.40
- iron.
Appl. Phys. A 28, 119-122 (1982) PACS:71.25 78.70

71.35 Excitons and related phenomena

- Arshed M., Baber N., Iqbal M.Z., Zafar N.:
Non-exponential dark capacitance transients from red-emitting GaP LED's. Field and edge effects on the 0.75 eV centre.
Appl. Phys. A 40, 129-132 (1986) PACS:71.55 85.60 85.30
- Butt M.A., Iqbal M.Z.:
"0.75 eV killer centre" in red-emitting GaP LEDs.
Appl. Phys. A 32, 223-224 (1983) PACS:71.55 85.60 85.30
- Franzosi P., Gombia E., Ghezzi C.:
AC admittance of CdZnS/p-GaAs heterojunctions.
Appl. Phys. A 29, 225-231 (1982) PACS:71.55 85.30
- Ghezzi C.:
Space-charge analysis for the admittance of semiconductor junctions with deep impurity levels.
Appl. Phys. A 26, 191-202 (1981) PACS:71.55 85.30
- Hoffmann H.J., Nakayama H., Nishino T., Hamakawa Y.:
Differential evaluation of the Hall effect in silicon with oxygen-related donors.
Appl. Phys. A 33, 47-50 (1984) PACS:71.55 72.80
- Hoffmann H.J.:
Charge carrier statistics of semiconductors containing defects with negative electronic correlation energy.
Appl. Phys. A 27, 39-47 (1982) PACS:71.55 72.80 71.45
- Hölzlein K., Pensl G., Schulz M.:
Trap spectrum of the "new oxygen donor" in silicon.
Appl. Phys. A 34, 155-161 (1984) PACS:71.55 81.40 73.40
- Islam M.N., Haque M.A.:
The lateral photovoltaic effect in Cd-Cu₂S heterojunction solar cell.
Appl. Phys. A 28, 145-149 (1982) PACS:71.55 72.40 85.60
- Kalinowski J., Godlewski J., Dreger Z.:
High-field recombination electroluminescence in vacuum-deposited anthracene and doped anthracene films.
Appl. Phys. A 37, 179-186 (1985) PACS:71.35 78.60 78.65
- Lefevre H.:
Annealing behavior of trap-centers in silicon containing A-swirl defects.
Appl. Phys. A 29, 105-111 (1982) PACS:71.55 61.70 73.40
- Lischka K.:
Bound defect states in IV-VI semiconductors.
Appl. Phys. A 29, 177-189 (1982) PACS:71.55 72.80
- Manninen M., Nieminen R.M.:
Positron detrapping from defects: A thermodynamic approach.
Appl. Phys. A 26, 93-100 (1981) PACS:71.60 78.70
- Riccius H.D., Siemsen K.J.:
Point-contact diodes.
Appl. Phys. A 35, 67-74 (1984) PACS:71.40 72.20 73.40 85.80
- Schaefer H.-E., Würschum R., Schwarz R., Siobodin D., Wagner S.:
Amorphous hydrogenated silicon studied by positron lifetime spectroscopy.
Appl. Phys. A 40, 145-149 (1986) PACS:71.60 72.80 78.70
- Schaub R., Pensl G., Schulz M., Holm C.:
Donor states in tellurium-doped silicon.
Appl. Phys. A 34, 215-222 (1984) PACS:71.55 72.15 85.30
- Segura A., Wüstel K., Chevy A.:
Investigation of impurity levels in n-type indium selenide by means of Hall effect and deep level transient spectroscopy.
Appl. Phys. A 31, 139-145 (1983) PACS:71.55
- Siemsen K.J., Riccius H.D.:
Experiments with point-contact diodes in the 30-130 THz frequency region.
Appl. Phys. A 35, 177-187 (1984) PACS:71.40 72.20 73.40 85.80
- Thomas S., Mohler E., Keilmann F., Genzel L.:
Influence of infrared radiation on the excitonic absorption edge of CuCl.
Appl. Phys. A 33, 247-250 (1984) PACS:71.35 78.20
- Wüstel K., Wagner P.:
Interstitial iron and iron-acceptor pairs in silicon.
Appl. Phys. A 27, 207-212 (1982) PACS:71.55 61.70
- Wüstel K., Kumagai O., Wagner P., Jantsch W.:
Deep levels related to transition metals in Si under hydrostatic pressure.
Appl. Phys. A 27, 251-256 (1982) PACS:71.55 62.50
- 72 ELECTRONIC TRANSPORT
- Deb Roy M., Nag B.R.:
Auto-correlation of velocity-fluctuations and frequency-dependent diffusion constant for hot electrons.
Appl. Phys. A 26, 131-138 (1981) PACS:72.00 72.20 72.70
- Deb Roy M., Nag B.R.:
Velocity auto-correlation and hot-electron diffusion constant in GaAs and InP.
Appl. Phys. A 28, 195-204 (1982) PACS:72.00 72.70 85.60

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71 ELECTRON STATES

- Böhm M., Erb O., Scharmann A.:
Quantum mechanical treatment of the escape probability from traps in thermally stimulated processes.
Appl. Phys. A 37, 165-170 (1985) PACS:71.00 72.20 78.00
- Ritz A., Lüth H.:
The electronic structure of GaP(110) and Cu-phthalocyanine overlayers studied by ellipsometry.
Appl. Phys. A 31, 75-80 (1983) PACS:71.00 68.20 78.00

71.20 Electronic density of states determinations

- Borstel G.:
Theoretical aspects of photoemission. New results.
Appl. Phys. A 38, 193-204 (1985) PACS:71.25 71.70 73.20 79.60
- Chab V., Kubov J.:
Photoelectron spectroscopy investigation of defects on LiNbO₃ surfaces.
Appl. Phys. A 39, 67-71 (1986) PACS:71.20 71.55 73.00
- Himpsel F.J.:
Electronic structure of semiconductor surfaces.
Appl. Phys. A 38, 205-212 (1985) PACS:71.25 73.20 73.40 79.60
- Jiang D.-S., Chang S.-L.:
Strain analysis and optical characterization of LPE InGaAsP laser-confining layers.
Appl. Phys. A 27, 213-218 (1982) PACS:71.25 68.55
- Kassing R., Cohausz L., Staa P. van, Mackert W., Hoffmann H.J.:
Determination of the entropy-factor of the gold donor level in silicon by resistivity and DLTS measurements.
Appl. Phys. A 34, 41-47 (1984) PACS:71.20
- Krishna Gandhi K.R., Singru R.M.:
Effect of bcc-fcc phase transition on the Compton profiles of

- Deb Roy M., Nag B.R., Chattopadhyay D.:
High-field transport properties of $\text{In}_{0.765}\text{Ga}_{0.235}\text{As}_{0.5}\text{PO}_{0.5}$.
Appl. Phys. A 32, 39-43 (1983) PACS:72.00 72.20
- Nag B.R., Deb Roy M.:
Thermal noise in $\text{Hg}_{0.795}\text{Cd}_{0.205}\text{Te}$ detectors for large biasing fields.
Appl. Phys. A 29, 45-48 (1982) PACS:72.00 72.70 85.60
- Nag B.R., Deb Roy M.:
Position dependence of average electron velocity in a sub-micrometer GaAs channel.
Appl. Phys. A 38, 57-58 (1985) PACS:72.00 72.20
- Otero D., Proto A.N., Romero R., Somoza A.:
Error sources for the analysis of Doppler broadening in positron annihilation spectra.
Appl. Phys. A 29, 213-217 (1982) PACS:72.15

72.20 Conductivity phenomena in semiconductors and insulators

- Abou El Ela A.H., Abdelmohsen N.:
Electrical properties of the AgTiSe_2 semiconductor in the liquid state.
Appl. Phys. A 28, 109-111 (1982) PACS:72.20
- Abou El Ela A.H., Abdelmohsen N., Labib H.H.A.:
Electrical properties of CuTiSe_2 in the liquid state.
Appl. Phys. A 26, 171-173 (1981) PACS:72.20
- Abou El Ela A.H., Abdelghani A., Labib H.H.A.:
Electrical conductivity and thermoelectric power of liquid selenium doped with thallium and indium.
Appl. Phys. A 27, 161-165 (1982) PACS:72.20
- Adamaitis E., Dobrovolskis Z., Krotkus A.:
Hole initiated impact ionization in indium antimonide.
Appl. Phys. A 38, 145-149 (1985) PACS:72.20
- Alberga G.E., Welzenis R.G.van, Zeeuw W.C.de:
High electric-field Hall effect measurements on n-type InSb at 77 K.
Appl. Phys. A 27, 107-120 (1982) PACS:72.20
- Bhardwaj R.P., Nagpal K.K., Quamara J.K., Sharma B.L.:
On the occurrence of an excitation-effect in pyromellitimide thin film.
Appl. Phys. A 32, 211-215 (1983) PACS:72.20 72.40
- Breyer H.-J., Riskan H., Vollmer H.D., Wonneberger W.:
Harmonic mixing in a cosine potential for large damping and arbitrary field strengths.
Appl. Phys. B 28, 335-339 (1982) PACS:72.20 42.65
- Breyer H.-J.:
Harmonic mixing in a cosine potential for arbitrary damping.
Appl. Phys. A 33, 1-7 (1984) PACS:72.20 42.65
- Deb Roy M., Nag B.R.:
Hot electron diffusion in CdTe.
Appl. Phys. A 30, 189-193 (1983) PACS:72.20
- Deng X.C., Liu X.H., Böhlinger K., Kalbitzer S.:
Hopping and band transport in amorphous semiconductors.
Appl. Phys. A 33, 29-35 (1984) PACS:72.20
- Devreese J.T., Welzenis R.G.van, Evrard R.P.:
Impact ionisation probability in InSb.
Appl. Phys. A 29, 125-132 (1982) PACS:72.20
- Dobrovolskis Z., Krotkus A.:
On the origin of the hot-electron instabilities in In-InSb at cross electric and magnetic fields.
Appl. Phys. A 39, 135-139 (1986) PACS:72.20
- Dufour M., Cristoloveanu S.:
Hot carrier effects in double injection phenomena.
Appl. Phys. A 29, 87-92 (1982) PACS:72.20 73.60 85.30
- Geim K., Pensl G., Schulz M.:
Shallow acceptor population and free hole concentration in Si:In and Si:Ga with IR-photoexcitation.
Appl. Phys. A 27, 71-78 (1982) PACS:72.20 71.55
- Gerlach-Meyer U.:
Asymmetric Joule heat production at a point contact.
Appl. Phys. A 33, 161-165 (1984) PACS:72.20 73.40 85.80
- Grimaldi M.G., Baeri P., Rimini E.:
Laser-induced free-carrier absorption in Si single crystal.
Appl. Phys. A 33, 107-111 (1984) PACS:72.20 79.20 81.00
- Gross B., Giacometti J.A., Leal Ferreira G.F.:
Constant Schubweg for hole transport in corona charged fluor-ethylene-propylene.
Appl. Phys. A 37, 89-94 (1985) PACS:72.20 73.60 77.50
- Kuhl J., Göbel E.O., Pfeiffer Th., Jonietz A.:
Subpicosecond carrier trapping in high-defect-density amorphous Si and GaAs.
Appl. Phys. A 34, 105-110 (1984) PACS:72.20 78.50 72.80
- Künzel H., Fischer A., Knecht J., Ploog K.:
A new semiconductor superlattice with tunable electronic properties and simultaneously with mobility enhancement of electrons and holes.
Appl. Phys. A 30, 73-81 (1983) PACS:72.20 72.80 73.40 73.60
- Künzel H., Döhler G.H., Ploog K.:
Determination of photoexcited carrier concentration and mobility in GaAs doping superlattices by Hall effect measurements.
Appl. Phys. A 27, 1-10 (1982) PACS:72.20 72.40

- Künzel H., Fischer A., Knecht J., Ploog K.:
Investigation of persistent photoconductivity in Si-doped n-AlGaIn-xAs grown by molecular beam epitaxy.
Appl. Phys. A 32, 69-78 (1983) PACS:72.20 72.40 72.80
- Mitin V.V.:
A negative differential conductivity due to recombination and impact ionization in semiconductors at low temperatures.
Appl. Phys. A 39, 123-127 (1986) PACS:72.20
- Nag B.R., Deb Roy M.:
Electron transport in sub-micron GaAs channels at 300 K.
Appl. Phys. A 31, 65-70 (1983) PACS:72.20 72.60 85.40
- Quamara J.K., Bhardwaj R.P., Sharma B.L.:
The photoinduced polarization in kapton-H film.
Appl. Phys. A 35, 267-270 (1984) PACS:72.20 72.40
- Schubert E.F., Ploog K., Dämbkes H., Heime K.:
Selectively doped n-AlGaIn-xAs/GaAs heterostructures with high mobility two-dimensional electron gas for field effect transistors.
Appl. Phys. A 33, 183-193 (1984) PACS:72.20 73.40
- Seggern H.von, Gross B., Berkley D.A.:
Constant hole Schubweg in teflon FEP (fluorinated ethylene propylene copolymer).
Appl. Phys. A 34, 163-166 (1984) PACS:72.20 73.60 81.20
- Takahashi T., Ichikawa M., Fujita T., Hirai T.:
Thermal annealing and light irradiation effects on hole and electron drift mobilities of $\text{Se}_{93}\text{As}_{6.5}$ and $\text{Se}_{94}\text{Ge}_{5.7}$ films.
Appl. Phys. A 26, 179-184 (1981) PACS:72.20
- Wagner D., Irsigler P.:
On the annealing behaviour of the Staebler-Wronski effect in a-Si:H.
Appl. Phys. A 35, 9-12 (1984) PACS:72.20 73.60
- Welzenis R.G.van, Zeeuw W.C.de:
Impact ionisation in n-type InSb at 77 K.
Appl. Phys. A 30, 151-160 (1983) PACS:72.20
- Welzenis R.G.van:
Threshold for impact ionisation in InSb at 77 K.
Appl. Phys. A 26, 157-163 (1981) PACS:72.20 72.40 79.20

72.40 Photoconduction and photovoltaic effects

- Ali G.AE-F., Montasser S., Zaki L., Refaei S.M., El-Nadi L.:
Saturation of the photon-drag voltage at high CO₂ laser intensities.
Appl. Phys. A 39, 291-296 (1986) PACS:72.40
- Failly-Lovato M., Andrew R., Laude L.D., Wautelet M.:
Laser-stimulated conductivity of amorphous germanium films.
Appl. Phys. A 29, 163-168 (1982) PACS:72.40 78.50
- Manning R.J., Hill J.R.:
Photoconductive response time of Si-on-sapphire damaged with Si²⁺ ions.
Appl. Phys. B 38, 17-21 (1985) PACS:72.40 85.60
- Morita S., Toda K.:
The photoconductive effect in Pb₂CrO₅ thin films prepared by an electron-beam evaporation technique.
Appl. Phys. A 38, 103-107 (1985) PACS:72.40 73.60 77.55 81.15
- Morita S., Toda K.:
Characterization of SnO₂/Pb₂CrO₅ thin film/metal photovoltaic device.
Appl. Phys. A 39, 109-114 (1986) PACS:72.40 73.60 81.15
- Müller G., Mück G., Simon M., Winterling G.:
The electrical performance of thin n+ window layers in a-Si:H solar cells.
Appl. Phys. A 29, 63-68 (1982) PACS:72.40 73.00 85.60
- Nespurek S., Sikra B.:
Charge carrier photogeneration in thin films of iodoform.
Appl. Phys. A 30, 223-226 (1983) PACS:72.40 84.60
- Peschel W., Kuhnert R., Schulz M.:
Photoconductivity in ion-implanted thin films of Si:In and Si:Ti.
Appl. Phys. A 30, 59-62 (1983) PACS:72.40 78.50
- Saha N.R., Roychoudhury D., Basu P.K.:
Analytical study of the performance of minSiS solar cells with a black surface field.
Appl. Phys. A 32, 187-193 (1983) PACS:72.40 86.30
- Saito N., Sannomiya H., Yamaguchi T., Tanaka N.:
Dependence of properties of hydrogenated microcrystalline and amorphous silicon films prepared by planar magnetron sputtering in inert gas.
Appl. Phys. A 35, 214-247 (1984) PACS:72.40 73.60 78.60
- Zhou B.L., Ploog K., Gmelin E., Zheng X.Q., Schulz M.:
Assessment of persistent-photoconductivity centers in MBE grown AlGaIn-xAs using capacitance spectroscopy measurements.
Appl. Phys. A 28, 223-227 (1982) PACS:72.40

72.70 Noise processes and phenomena

- Fillard J.P., Bonnafé J., Castagne M.:
Thermal regeneration of the EL2 center unquenched configuration in semi-insulating GaAs.
Appl. Phys. A 35, 149-153 (1984) PACS:72.80 72.20 61.70

- McPhedran R.C., Milton G.W.:
Bounds and exact theories for the transport properties of inhomogeneous media.
Appl. Phys. A 26, 207-220 (1981) PACS:72.90 44.30 46.30 42.70
- McPhedran R.C., McKenzie D.R., Milton G.W.:
Extraction of structural information from measured transport properties of composites.
Appl. Phys. A 29, 19-27 (1982) PACS:72.90 42.70 44.30 46.30
- Milton G.W.:
Concerning bounds on the transport and mechanical properties of multicomponent composite materials.
Appl. Phys. A 26, 125-130 (1981) PACS:72.90 44.30 46.30
- Warta W., Stehle R., Karl N.:
Ultraclean, high mobility organic photoconductors.
Appl. Phys. A 36, 163-170 (1985) PACS:72.80 72.20 81.10

73 ELECTRONIC STRUCTURE AND ELECTRICAL PROPERTIES OF SURFACES, INTERFACES, AND THIN FILMS

- Fayek M.K., Bahgat A.A., Eltawansi A.:
The electronic behaviour of iron in U(FexAl_{1-x})₂.
Appl. Phys. A 26, 175-178 (1981) PACS:73.00
- Moerner W.E., Schellenberg F.M., Bjorklund G.C.:
Photochemical hole-burning at GaAlAs laser wavelength.
Appl. Phys. B 28, 263-264 (1982) PACS:73.00 78.00
- Olmstead M.A., Amer N.M., Kohn S., Fournier D., Boccara A.C.:
Photothermal displacement spectroscopy: An optical probe for solids and surfaces.
Appl. Phys. A 32, 141-154 (1983) PACS:73.00 78.00 65.00
- Szaro L.:
Some photoeffects on the semiconductor surface under sub-band-gap illumination.
Appl. Phys. A 29, 201-207 (1982) PACS:73.00

73.20 Electronic surface states

- Hanselaer P.L., Laflere W.H., Mairhaeghe R.L., van, Cardon F.:
The influence of a HF and an Annealing treatment on the barrier height of p- and n-type Si MIS structures.
Appl. Phys. A 39, 129-133 (1986) PACS:73.30 73.40
- Kohl C.D.:
Electrical properties of semiconductor surfaces.
Appl. Phys. A 30, 127-145 (1983) PACS:73.20 73.25 73.30 73.40
- Matsui Y., Okuyama M., Noda M., Hamakawa Y.:
A study of electronic states near the interface in ferroelectric-semiconductor heterojunction prepared by RF sputtering of PbTiO₃.
Appl. Phys. A 28, 161-166 (1982) PACS:73.20 73.40 79.20
- Ponpon J.P.:
On the properties of real cadmium telluride surfaces.
Appl. Phys. A 27, 11-17 (1982) PACS:73.30 78.20
- Schell-Sorokin A.J., Demuth J.E.:
Laser irradiation of chemisorbed oxygen on Si(111): Electronic states and clump formation of SiO₂.
Appl. Phys. A 39, 13-20 (1986) PACS:73.20 79.60 68.10

73.40 Interfaces

- Bucher E., Schulz S., Lux-Steiner M.Ch., Munz P., Gubler U., Greuter F.:
Work function and barrier heights of transition metal silicides.
Appl. Phys. A 40, 71-77 (1986) PACS:73.40
- Chen C.-X.:
Electrical conductivity of multi-layer metallic thin films.
Appl. Phys. A 40, 37-40 (1986) PACS:73.40
- Friberg A., Holwech I., Nost B.:
Experiment on the formation of low resistance In-contacts on Al-doped ZnSe.
Appl. Phys. A 26, 239-242 (1981) PACS:73.40
- Hoffmann H.J., Woodall J.M.:
Photo-enhanced etching of n-Si.
Appl. Phys. A 33, 243-245 (1984) PACS:73.40 82.30 85.30
- Hsu J.G., Wang W.S.:
Direct indication of lateral nonuniformities of MOS capacitors from the negative equivalent interface trap density based on charge-temperature technique.
Appl. Phys. A 40, 41-46 (1986) PACS:73.40
- Klingenberg H.H.:
Properties and bias dependence of metal-insulator-metal point-contact diodes as harmonic mixers in the mid-infrared.
Appl. Phys. B 37, 145-149 (1985) PACS:73.40 68.70 84.30
- Marczewski M., Strzalkowski I.:
Photoinjection studies of ion-implantation-induced electron traps in MOS structures.
Appl. Phys. A 29, 233-236 (1982) PACS:73.40 73.60

- Serin N.:
Determination of minority carrier diffusion coefficient from capacitance-voltage characteristics of Au/Ga-Schottky barriers.
Appl. Phys. A 36, 209-212 (1985) PACS:73.40
- Strzalkowski I., Marczewski M., Kowalski M.:
Thermal depopulation studies of electron traps in ion implanted silica layers.
Appl. Phys. A 40, 123-127 (1986) PACS:73.40 73.60

73.60 Electronic properties of thin films

- Chakravarti A.N., Ghatak K.P., Dhar A., Ghosh K.K., Ghosh S.:
Effect of size quantization on the Einstein relation in ultra-thin films of non-parabolic semiconductors.
Appl. Phys. A 26, 165-169 (1981) PACS:73.60 85.30
- Frank G., Köstlin H.:
Electrical properties and defect model of tin-doped indium oxide layers.
Appl. Phys. A 27, 197-206 (1982) PACS:73.60 81.40 82.60
- Harris J.J., Joyce B.A., Gowers J.P., Neave J.H.:
Nucleation effects during MBE growth of Sn-doped GaAs.
Appl. Phys. A 28, 63-71 (1982) PACS:73.60
- Harris J.J., Ashenford D.E., Foxon C.T., Dobson P.J., Joyce B.A.:
Kinetic limitations to surface segregation during MBE growth of III-V compounds: Sn in GaAs.
Appl. Phys. A 33, 87-92 (1984) PACS:73.60
- Jung H., Ploog K.:
Influence of material design parameters on radiative recombination in GaAs doping superlattices grown by MBE.
Appl. Phys. A 37, 83-87 (1985) PACS:73.60 78.55 71.55
- Kubiak R.A., Parker E.H.C.:
The effects of arsenic source contamination on doped GaAs grown by MBE.
Appl. Phys. A 35, 75-77 (1984) PACS:73.60 81.15
- Kubiak R.A., McGlashan S.R.L., King R.M., Parker E.H.C.:
Oxygen and monatomic hydrogen interactions with PbTe film surfaces prepared by molecular-beam deposition.
Appl. Phys. A 40, 7-12 (1986) PACS:73.60 61.70 82.65
- Kuchar F., Meisels R., Weimann G., Burkhard H.:
Far-infrared donor spectroscopy of MBE-GaAs.
Appl. Phys. A 33, 83-85 (1984) PACS:73.60
- Neave J.H., Dobson P.J., Harris J.J., Dawson P., Joyce B.A.:
Silicon doping of MBE-grown GaAs films.
Appl. Phys. A 32, 195-200 (1983) PACS:73.60
- Rahman Khan M.S.:
Changes produced in the electrical resistivity of ErH₂ thin films when converted to ErH₃ due to hydrogen treatment.
Appl. Phys. A 35, 263-265 (1984) PACS:73.60 68.55 81.10
- Saito N., Tanaka M., Nakaaki I.:
Optical, structural, electrical and optoelectronic properties of hydrogenated amorphous Si_{1-x}C_x alloy thin films prepared by planar magnetron sputtering method.
Appl. Phys. A 38, 37-43 (1985) PACS:73.60 72.40 78.20
- Sakata I., Okazaki S., Hayashi Y.:
Validity of quasi-static capacitance-voltage measurements applied to hydrogenated amorphous silicon diodes.
Appl. Phys. A 40, 171-176 (1986) PACS:73.60 71.20 86.30
- Schmiedl E., Watanabe M., Wißmann P., Wittmann E.:
The effect of gas adsorption on the electrical resistivity of thin silver films.
Appl. Phys. A 35, 13-17 (1984) PACS:73.60
- Sharma A.K., Reddy P.J.:
Hall mobility of evaporated InAs films prepared at different temperatures.
Appl. Phys. A 34, 69-71 (1984) PACS:73.60

74 SUPERCONDUCTIVITY

- Machida K.:
Coexistence problem of magnetism and superconductivity.
Appl. Phys. A 35, 193-217 (1984) PACS:74.10 74.70 75.30
- Meisner G.P., Ku H.C.:
The superconductivity and structure of equiatomic ternary transition metal nitrides.
Appl. Phys. A 31, 201-212 (1983) PACS:74.00 81.00
- Schulze H.-J., Keck K.:
Surface heat transfer from self-heating hotspots.
Appl. Phys. A 34, 243-247 (1984) PACS:74.90 68.25 44.30

75 MAGNETIC PROPERTIES AND MATERIALS

- Albanese G., Deriu A., Lucchini E., Sliocar G.:
Mössbauer investigation of In and Sc substituted barium hexaferrite.
Appl. Phys. A 26, 45-50 (1981) PACS:75.50 76.80

- Algra H.A., Hansen P.:
Temperature dependence of the saturation magnetization of ion-implanted YIG films.
Appl. Phys. A 29, 83-86 (1982) PACS:75.60 75.70
- Algra H.A., Hansen P.:
Variation of the saturation magnetization through a neon implanted YIG film.
Appl. Phys. A 30, 63-65 (1983) PACS:75.60 75.70
- Burzo E., Valeanu M.:
Magnetic properties of $U(\text{FeAl}_{1-x}\text{Ni}_x)_2$ and $U(\text{FeNi}_{1-y}\text{Al}_y)_2$ compounds
Appl. Phys. A 35, 79-85 (1984) PACS:75.30 76.50
- Dong X.-Z., Fernengel W., Kronmüller H.:
Annealing effects and short-range ordering in the non-magnetostriuctive amorphous alloy $\text{Co}_{58}\text{Ni}_{10}\text{Fe}_{55}\text{Si}_{11}\text{B}_{16}$.
Appl. Phys. A 28, 103-107 (1982) PACS:75.30
- Ehrhardt A., Kern R., Gonser U.:
Relaxation phenomena in amorphous $\text{Co}_{75}\text{-xMn}_{25}$ induced by stress annealing.
Appl. Phys. A 31, 93-95 (1983) PACS:75.00 61.40
- Geiss V., Kneller E., Nest A.:
Magnetic behavior of amorphous Sm-Co alloy films.
Appl. Phys. A 27, 79-88 (1982) PACS:75.50
- Gradmann U., Korecki J., Waller G.:
In-plane magnetic surface anisotropies in $\text{Fe}(110)$.
Appl. Phys. A 39, 101-108 (1986) PACS:75.30 75.60
- Iniguez J., Munoz J., Francisco C.de, Rivas J.:
Micromagnetic model of the Richter-type relaxation in vacancy-doped Fe_{304} .
Appl. Phys. A 39, 287-289 (1986) PACS:75.60 76.00
- Iniguez J., Pereira C., Rivas J.:
Effect of porosity on the magnetic behaviour of nickel ferrites.
Appl. Phys. A 36, 159-161 (1985) PACS:75.30 76.00
- Isalgue A., Labarta A., Tejada J., Obradors X.:
Exchange interactions in $\text{BaFe}_{12}\text{O}_{19}$.
Appl. Phys. A 39, 221-225 (1986) PACS:75.30 75.50 76.80
- Kirschner J.:
Magnetic-structure analysis in scanning electron beam devices by means of the LEED spin-polarization detector.
Appl. Phys. A 36, 121-123 (1985) PACS:75.50 75.65 79.20
- Köszegi L., Kronmüller H.:
Magnetic hysteresis loops for several amorphous alloys after various heat treatments below the Curie point.
Appl. Phys. A 34, 95-103 (1984) PACS:75.50 75.60
- Nest A., Kneller E., Geiss V.:
Magnetic torque behavior and rotational hysteresis of amorphous uniaxial Sm-Co alloy films.
Appl. Phys. A 27, 177-182 (1982) PACS:75.30
- Parker F.T., Oesterreicher H.:
Analysis of magnetic interactions and structure in R_6Mn_{23} .
Appl. Phys. A 27, 65-69 (1982) PACS:75.25 75.30 75.50
- Plusa D., Myslocki J.J., Myslocki B., Pfänger R.:
Domain-wall energy in sintered $\text{Nd}_{15}\text{Fe}_{77}\text{B}_{8}$ permanent magnet.
Appl. Phys. A 40, 167-170 (1986) PACS:75.50 75.60
- Rupp G., Wettling W., Jantz W., Krishnan R.:
Brillouin scattering study of multilayer cobalt-niobium films.
Appl. Phys. A 37, 73-82 (1985) PACS:75.00 75.70 78.35
- Sales B.C., Maple M.B.:
Low-frequency electrical resistance of iron, cobalt and nickel in the vicinity of their Curie temperatures.
Appl. Phys. A 31, 115-117 (1983) PACS:75.00
- Speidel S.:
Parametric excitation of phonons in iron borate (FeBO_3).
Appl. Phys. A 28, 35-43 (1982) PACS:75.80 76.50
- Thielemann P., Brandt U.:
Magneto-optical studies on thin iron films.
Appl. Phys. A 28, 53-58 (1982) PACS:75.70 78.20

76 MAGNETIC RESONANCES AND RELAXATION; MÖSSBAUER EFFECT

- Dormann E., Sachs G., Stöcklein W., Bail B., Schwoerer M.:
Gaussmeter application of an organic conductor.
Appl. Phys. A 30, 227-231 (1983) PACS:76.30 07.55 07.58
- El-Nimr M.K., Saleh H.A., Fayek M.K.:
Mössbauer study of $\text{Zn}_{15}\text{Ni}_{85}\text{Sb}_{100}/304$ spinel ferrite.
Appl. Phys. A 38, 67-75 (1985) PACS:76.00
- Galvao d Silva E., Gonser U.:
Determination of relative force constant in B-Ti(Fe) alloys by means of the Mössbauer second-order Doppler shift.
Appl. Phys. A 27, 89-94 (1982) PACS:76.80
- Godlewski M., Przybylska H., Langer J.M.:
On the determination of thermal ionization energy of deep centers from ESR data.
Appl. Phys. A 30, 105-107 (1983) PACS:76.30 72.20
- Mendz G., Haneman D.:
Electrically active paramagnetic centres at Si-SiO_2 interfaces.
Appl. Phys. A 26, 87-92 (1981) PACS:76.30 72.20 73.40
- Putzka A., Pfannes H.-O.:
Mössbauer spectroscopy of singlet-crystal $\text{LiNbO}_3\text{:Fe(III)}$.
Appl. Phys. A 29, 1-7 (1982) PACS:76.80 71.55 71.70

- Smit P.H., Staple R.P.van:
Depth-selective ^{57}Fe Mössbauer spectroscopy: An alternative.
Appl. Phys. A 28, 113-117 (1982) PACS:76.80 75.30
- Stachel M., Bömmel H.E.:
Temperature dependence of the nuclear quadrupole interaction and the Knight shift in rhenium metal.
Appl. Phys. A 30, 27-32 (1983) PACS:76.00 72.15 43.00
- Tenhover M.:
Properties of Yttrium-iron-metalloid glasses.
Appl. Phys. A 26, 59-62 (1981) PACS:76.00 61.40 72.15
- Wettling W., Jantz W., Englehardt L.:
Photoacoustic detection of ferro- and paramagnetic resonance.
Appl. Phys. A 26, 19-22 (1981) PACS:76.50 78.20

77 DIELECTRIC PROPERTIES AND MATERIALS

- Abou El Ela A.H., Abdelmohsen N.:
Dielectric relaxation and AC conduction of an AgTiSe_2 semiconductor in the solid and liquid states.
Appl. Phys. A 29, 39-44 (1982) PACS:77.00 72.20
- Berraissoul A., Gerhard-Multhaupt R., Gross B.:
Radiation-induced conductivity in poly(ethylene terephthalate) irradiated with 10-40 keV electrons.
Appl. Phys. A 39, 203-207 (1986) PACS:77.50 72.90 41.80
- Kusz J., Jelenski W.:
On the investigation of temperature changes of ferroelectric dielectric constant by studying intensity changes of light emitted at their surface.
Appl. Phys. A 36, 43-46 (1985) PACS:77.80 52.80 73.00
- Ren S.-F., Newman K.E., Dow J.D., Sankey O.F.:
Energy levels of paired donor impurities in SiGe_{1-x} alloys.
Appl. Phys. A 33, 269-272 (1984) PACS:77.55
- Slavov S.H., Apostolov A.V.:
Frequency spectrum and modes of vibration in circular, convex AT-cut bellevue-design quartz resonators.
Appl. Phys. A 29, 173-175 (1982) PACS:77.60 43.35 43.88
- Tacke M., Schuberth W., Becker C.R., Haas L.D.:
The dielectric constant of PbTe at 4.2 K and $n = 84.15/\text{cm}$, $96.97/\text{cm}$, $103.60/\text{cm}$.
Appl. Phys. A 28, 229-233 (1982) PACS:77.00 42.80
- Walz F., Blythe H.J.:
Investigation of dielectric after-effects in poly- and single crystalline BaTiO_3 .
Appl. Phys. A 34, 57-65 (1984) PACS:77.00

78 OPTICAL PROPERTIES

- Annino A., Grasso F., Musumeci F., Triglia A.:
Spectral absorptivity of rough copper and brass surfaces.
Appl. Phys. A 35, 115-118 (1984) PACS:78.20
- Augustov P.A., Reinfelde M.J., Shvarts K.K.:
Photorefractive and anisotropic light scattering in $\text{LiNbO}_3\text{-Fe}$ crystals.
Appl. Phys. A 29, 169-172 (1982) PACS:78.20
- Avanesyan S.M., Gusev V.E., Zheludev N.I.:
Generation of deformation waves in the processes of photoexcitation and recombination of nonequilibrium carriers in silicon.
Appl. Phys. A 40, 163-166 (1986) PACS:78.20 43.35
- Barbarino S., Grasso F., Guerriera G., Musumeci F., Scordino A., Triglia A.:
Surface roughness effect on optical absorptivity of metals.
Appl. Phys. A 29, 77-80 (1982) PACS:78.20
- Chraplyvy A.R., Moerner W.E., Sievers A.J., Silsbee R.H.:
Persistent nonphotochemical hole-burning of a molecular vibrational mode in alkali lattices.
Appl. Phys. B 28, 264 (1982) PACS:78.00
- Figueira J.F., Thomas S.J.:
Generation of surface microstructure in metals and semiconductors by short pulse CO_2 lasers.
Appl. Phys. B 28, 267 (1982) PACS:78.00
- Frenkel F., Häger J., Krieger W., Walther H., Ertl G., Segner J., Vielhaber W.:
Investigation of gas surface interaction by laser-induced fluorescence: Scattering of NO molecules on graphite.
Appl. Phys. B 28, 265 (1982) PACS:78.00 73.20
- Harris J.H., Sugai S., Nurmikko A.V.:
Time resolved modulated reflection and spin polarization spectroscopy of near band-edge excitations in $\text{GaIn}_{1-x}\text{P}$ and GaAs .
Appl. Phys. B 28, 252 (1982) PACS:78.00
- Hatta A., Ohshima T., Suetaka W.:
Observation of the enhanced infrared absorption of p-nitrobenzoate on Ag island films with an ATR technique.
Appl. Phys. A 29, 71-75 (1982) PACS:78.00 68.00
- Kaneko M., Okamoto T., Yamada H., Yamada T.:
Reduction of optical absorption at a wavelength of around 0.8 μm in LPE garnet $(\text{TbBiCa})_3(\text{FeGaPt})_2\text{O}_{12}$.
Appl. Phys. A 38, 281-284 (1985) PACS:78.20 68.55 78.20

- Karczewski G., Klimkiewicz M., Glass I., Szczepakow A., Behrendt R.:
Temperature and composition dependence of the energy band gap of $\text{Pb}_{1-x}\text{Mn}_x\text{S}$ solid solution.
Appl. Phys. A 29, 49-52 (1982) PACS: 78.20 85.30
- Kivaiis R.T., Stensland L.:
Spectral selectivity of nickel and chromium rough surfaces.
Appl. Phys. A 27, 233-238 (1982) PACS: 78.20
- Kranz J., Schrödter Ch.:
Measuring the magneto-optic Kerr effect by diffraction.
Appl. Phys. A 31, 59-63 (1983) PACS: 78.20 42.80 75.70
- Mamedov A.M., Osman M.A., Hajieva L.C.:
VUV reflectivity of LiNbO_3 and LiTaO_3 single crystal. Application of synchrotron radiation.
Appl. Phys. A 34, 189-192 (1984) PACS: 78.20 77.80 71.25 71.45
- Maystre D., Nevier M.:
Nonlinear polarisation inside metals: A mathematical study of the free-electron model.
Appl. Phys. A 39, 115-121 (1986) PACS: 78.20 42.65
- Miranda L.C.M.:
On the use of the thermal lens effect as a thermo-optical spectroscopy of solids.
Appl. Phys. A 32, 87-93 (1983) PACS: 78.20 79.20
- Schmidt M., Dransfeld K.:
Generation of acoustic surface waves on GaAs by photoexcitation.
Appl. Phys. A 28, 211-214 (1982) PACS: 78.35 68.30
- Schmitt K.:
Stimulated C^+ -emission of Ag-centers in KI, RbBr, and CsBr.
Appl. Phys. A 38, 61-65 (1985) PACS: 78.45 42.55 78.55
- Schneider W.:
Radiation sensitivity of thick core all-glass fibers in reactor radiation fields.
Appl. Phys. A 28, 45-51 (1982) PACS: 78.20 42.80 42.10
- Schrepp W., Stumpe R., Kim J.I., Walther H.:
Oxidation-state-specific detection of uranium in aqueous solution by photoacoustic spectroscopy.
Appl. Phys. B 32, 207-209 (1983) PACS: 78.20 33.90
- Senior T.B.A., Weil H.:
On the validity of modeling Rayleigh scatterers by spheroids.
Appl. Phys. B 29, 117-124 (1982) PACS: 78.30 41.00
- Shelby R.M., Macfarlane R.M., Burum D.P.:
Optical hole burning and coherent transient RF double resonance spectroscopy of rare earth ions in solids.
Appl. Phys. B 28, 262 (1982) PACS: 78.00 42.65
- Struve B., Huber G.:
The effect of the crystal field strength on the optical spectra of Cr^{3+} in gallium garnet laser crystals.
Appl. Phys. B 36, 195-201 (1985) PACS: 78.40 78.55 42.55
- Stumpe R., Kim J.I., Schrepp W., Walther H.:
Speciation of actinide ions in aqueous solution by laser-induced pulsed photoacoustic spectroscopy.
Appl. Phys. B 34, 203-206 (1984) PACS: 78.20 33.90
- Toda K., Morita S.:
Photoconductivity in a PbTiO_5 ceramic disk with surface electrodes.
Appl. Phys. A 33, 231-233 (1984) PACS: 78.20
- Ursu I., Apostol I., Dinescu M., Mihailescu I.N., Popa A., Prokhorov A.M., Konov V.I., Chapliev N.I.:
Electron-microscopy investigations of the damage of aluminium mirrors as a result of repeated powerful microsecond pulsed TEA-CO₂ laser irradiation in air.
Appl. Phys. A 34, 133-138 (1984) PACS: 78.40 79.20
- Weis R.S., Gaylord T.K.:
Lithium niobate: Summary of physical properties and crystal structure.
Appl. Phys. A 37, 191-203 (1985) PACS: 78.20 42.70
- Wen J.-k., Zhao J.-n., Tang Y.-s., Wang H.-f.:
Observation of space charges in the photorefractive region and surface electric breakdown in LiNbO_3 -Fe.
Appl. Phys. A 29, 195-198 (1982) PACS: 78.20 77.50
- Wijers C.:
A one-wavelength, in situ alignment method for rotating analyser ellipsometers.
Appl. Phys. B 27, 5-8 (1982) PACS: 78.20
- Xie L.Z., Hemphill R., Whiteley S., Gustafson T.K.:
Stimulated emission of surface phonons in metal-insulator heavily doped p-type semiconductor structures.
Appl. Phys. B 28, 232 (1982) PACS: 78.00 42.55
- Yen R., Liu J.M., Kurz H., Bloembergen N.:
Space-time resolved reflectivity measurements of picosecond laser-pulse induced phase transitions in (111) silicon surface layers.
Appl. Phys. A 27, 153-160 (1982) PACS: 78.20 81.00 42.80
- Optical properties of ternary ZnSxSe_{1-x} polycrystalline thin films.
Appl. Phys. A 36, 51-53 (1985) PACS: 78.50
- Rebane L.A., Gorokhovskii A.A., Kikas J.V.:
Low-temperature spectroscopy of organic molecules in solids by photochemical hole burning.
Appl. Phys. B 29, 235-250 (1982) PACS: 78.50
- ### 78.55 Luminescence phenomena
- Bala W., Bukaluk A., Suda R.:
Investigations of ZnSe-ZnO structures, by using the electro-optical and Auger depth profile methods.
Appl. Phys. A 37, 231-236 (1985) PACS: 78.60 79.20 73.40
- Doormann V., Krumme J.-P., Klages C.-P., Erman M.:
Measurement of the refractive index and optical absorption spectra of epitaxial bismuth substituted yttrium iron garnet films at UV to near-IR wavelengths.
Appl. Phys. A 34, 223-230 (1984) PACS: 78.65 75.70
- Fletcher A.N.:
Laser dye stability: Part 9. Effects of a pyrex UV filter and cover gases.
Appl. Phys. B 31, 19-26 (1983) PACS: 78.60 61.80 82.50
- Fletcher A.N.:
Effect of flashlamp diameter on luminescent coolants for a solid-state laser.
Appl. Phys. B 37, 31-34 (1985) PACS: 78.60 61.80 82.50
- Fletcher A.N., Hollins R.A., Kubin R.F., Henry R.A., Aizenza Moore T.M., Pietrak M.E.:
Luminescent coolants for solid-state lasers.
Appl. Phys. B 30, 195-202 (1983) PACS: 78.60 61.80 82.50
- Fletcher A.N., Knipe R.H., Pietrak M.E.:
Laser dye stability Pt. 7. Effects of temperature, UV filter, and solvent purity.
Appl. Phys. B 27, 93-97 (1982) PACS: 78.60 61.80 82.50
- Fletcher A.N., Knipe R.H.:
Laser dye stability, Part 8. Laser lifetime and degradation equations.
Appl. Phys. B 29, 139-142 (1982) PACS: 78.60 61.80 82.50
- Fletcher A.N., Pietrak M.E.:
Laser dye stability, Part 10. Effects of DABCO on flashlamp pumping of coumarin dyes.
Appl. Phys. B 37, 151-157 (1985) PACS: 78.60 61.80 82.50
- Horikoshi Y., Fischer A., Ploog K.:
Low-temperature photoluminescence of MBE-grown GaAs subject to an electric field.
Appl. Phys. A 39, 21-30 (1986) PACS: 78.55 78.50 68.55
- Intenberg L., Brauer G.:
Decay and polarization of luminescence pulses in the 336 nm emission band of KI-Tl.
Appl. Phys. A 28, 59-62 (1982) PACS: 78.55 71.70
- Jelenski W., Kusz J.:
Application of electrical discharges at the surface of a ferroelectric material for exciting the thermoluminescence of crystals.
Appl. Phys. A 36, 117-119 (1985) PACS: 78.60 52.80 77.80
- Jung H., Fischer A., Ploog K.:
Photoluminescence of $\text{AlGa}_{1-x}\text{GaAs}$ quantum well heterostructures grown by molecular beam epitaxy: II. Intrinsic free-excitation nature of quantum well luminescence.
Appl. Phys. A 33, 97-105 (1984) PACS: 78.65 71.70 68.55
- Jung H., Fischer A., Ploog K.:
Photoluminescence of $\text{AlGa}_{1-x}\text{As}$ /GaAs quantum well heterostructures grown by molecular beam epitaxy. II.
ERRATUM for Appl. Phys. A 33, 97-105 (1984)
Appl. Phys. A 35, 130 (1984) PACS: 78.65 71.70 68.55
- Kaliakatsos J.A., Euthymiou P.C., Nomikos C.D., Giakoumakis G.E.:
Temperature dependence of ZnCdS:Ag cathodoluminescence efficiency under electron beam excitation.
Appl. Phys. A 31, 213-214 (1983) PACS: 78.55
- Kalinowski J., Godlewski J., Signerski R.:
AC modulation of the recombination electroluminescence in anthracene single crystal.
Appl. Phys. A 31, 215-220 (1983) PACS: 78.60
- Kitagawa M., Sarai J., Tanaka T.:
Injection electroluminescence from CdTe p-n junctions prepared by LPE.
Appl. Phys. A 26, 151-156 (1981) PACS: 78.60 73.40 81.10
- Morimoto J., Osara K., Soeya T.:
Cd(II) line spectrum emission from semiconductivity CdS single crystals.
Appl. Phys. A 28, 93-97 (1982) PACS: 78.55 79.40
- Ohlidal I., Navratil K., Schmidt E.:
Simple method for the complete optical analysis of very thick and weakly absorbing films.
Appl. Phys. A 29, 157-162 (1982) PACS: 78.65 75.70
- Pertasany N., Schäfer F.P.:
Electroluminescence of liquid dye solutions in a waveguide cell.
Appl. Phys. B 28, 21-23 (1982) PACS: 78.60
- ### 78.50 Impurity and defect absorption in solids
- El-Shazly A.A., El-Naby M.M.H., Kenawy M.A., El-Nahass M.M., El-Shair H.T., Ebrahim A.M.:

- Sauer R., Weber J., Stolz J., Weber E.R., Küsters K.-H., Alexander H.:
Dislocation-related photoluminescence in silicon.
Appl. Phys. A 36, 1-13 (1985) PACS: 78.55 71.55
- Soeya T., Morimoto J., Takagi M.:
Line emission from semiconductive CdS single crystals.
Appl. Phys. A 27, 125-127 (1982) PACS: 78.55

- Venghaus H.:
Spatial dependence of dominant wavelength of GaAs0.35P0.65N light emitting diodes.
Appl. Phys. A 34, 13-17 (1984) PACS: 78.55 85.60
- Windscheiff J., Ennen H., Kaufmann U., Schneider J., Kimura T.:
Annealing behavior of the 0.8 eV luminescence in undoped semi-insulating GaAs.
Appl. Phys. A 30, 47-49 (1983) PACS: 78.60 71.55

78.70 X-ray spectra and positron annihilation

- Aldi G., Dupasquier A., Regazzoni C.:
The differential method for the study of small variations of positron lifetime spectra.
Appl. Phys. A 30, 51-57 (1983) PACS: 78.70 29.00
- Dannefaer S.:
On the effect of backscattering of gamma quanta and statistics in positron-annihilation lifetime measurements.
Appl. Phys. A 26, 255-259 (1981) PACS: 78.70 29.00
- Debowska M., Ewertowski R., Swiatkowski W.:
Possibility of enhancement of slow positron emission. Use of positron diffusion current rectifier.
Appl. Phys. A 36, 47-49 (1985) PACS: 78.70 82.65
- Hansen H.E., Linderoth S., Petersen K.:
Positron implantation profile in nickel.
Appl. Phys. A 29, 99-103 (1982) PACS: 78.70
- Hansen H.E., Linderoth S., Wierzchowski W., Petersen K.:
Binding of gas atoms to extended crystal defects in molybdenum studied by positrons.
Appl. Phys. A 27, 247-250 (1982) PACS: 78.70 61.80 71.60
- Hansen H.E., Petersen K., Topolsky J.:
Positron annihilation in Ga-S glasses.
Appl. Phys. A 26, 35-38 (1981) PACS: 78.70
- Hansen H.E., Talja R., Rajainmäki H., Nielsen H.K., Nielsen B., Nieminen R.M.:
Positron studies of hydrogen-defect interactions in proton irradiated molybdenum.
Appl. Phys. A 36, 81-92 (1985) PACS: 78.70 61.80
- Hidalgo C., Diego N.de:
Positron trapping at grain boundaries.
Appl. Phys. A 27, 149-152 (1982) PACS: 78.70 61.70
- Jean Y.C., Venkateswaran K., Parsai E., Cheng K.L.:
Temperature dependence of positron annihilation characteristics on the surface of graphite powders.
Appl. Phys. A 35, 169-176 (1984) PACS: 78.70 78.68
- Linderoth S., Hansen H.E., Nielsen B., Petersen K.:
Positron transmission and effective mass absorption coefficient in nickel.
Appl. Phys. A 33, 25-28 (1984) PACS: 78.70
- Lynn K.G., Wachs A.:
Positron reemission brightness enhancement method.
Appl. Phys. A 29, 93-98 (1982) PACS: 78.70 79.40
- Pagh B., Hansen H.E., Nielsen B., Trumpy G., Petersen K.:
Temperature dependence of positron annihilation parameters in neutron irradiated molybdenum.
Appl. Phys. A 33, 255-263 (1984) PACS: 78.70 61.80
- Puff W., Mascher P., Kindl P., Sormann H.:
On the trapping of positrons in cadmium in the temperature range from 80 to 330 K.
Appl. Phys. A 27, 257-261 (1982) PACS: 78.70 61.70 81.00
- Puff W., Mascher P., Kindl P., Sormann H.:
On the temperature dependence of positron lifetimes in tin and the transition from the β - to the α -phase.
Appl. Phys. A 32, 183-185 (1983) PACS: 78.70 61.70 81.00
- Segers D., Humbbeck J.van, Delaey L., Dorikens M., Dorikens-Vanpraet L.:
Positron annihilation study of defects in the cyclically transformed martensite phase in a Cu-Zn-Al alloy.
Appl. Phys. A 36, 179-182 (1985) PACS: 78.70 81.30 61.70
- Sferlazzo P.:
Slow positrons and thermal Ps production using thin foils.
Appl. Phys. A 36, 93-95 (1985) PACS: 78.70 79.40
- Triftshäuser W., Matter H., Winter J.:
Vacancy-impurity interaction in dilute iron alloys by positron annihilation.
Appl. Phys. A 28, 179-187 (1982) PACS: 78.70 61.70
- Vehanen A., Lynn K.G., Schultz P.J., Eldrup M.:
Improved slow-positron yield using a single crystal tungsten moderator.
Appl. Phys. A 32, 163-167 (1983) PACS: 78.70 79.90 68.20
- Vehanen A., Mäkinen J.:
Thin films for slow positron generation.
Appl. Phys. A 36, 97-101 (1985) PACS: 78.70 79.40

79 ELECTRON AND ION EMISSION BY LIQUIDS AND SOLIDS; IMPACT PHENOMENA

79.20 Impact phenomena, including electron spectra and sputtering

- Affolter K., Hamdi A.H., Nicolet M.-A.:
Temperature dependent preferential sputtering in CoSi2 and NbSi2.
Appl. Phys. A 37, 19-23 (1985) PACS: 79.20 64.75 66.30
- Balashova L.L., Dodonov A.I., Mashkova E.S., Molchanov V.A.:
Energy and spatial redistributions of the particle flux resulting from its interaction with the scattering center.
Appl. Phys. A 28, 189-194 (1982) PACS: 79.20
- Balashova L.L., Garin Sh.N., Molchanov V.A.:
Orientation dependence of the survival fraction of molecular ions reflected from a single crystal.
Appl. Phys. A 37, 171-173 (1985) PACS: 79.20 34.90 34.00
- Bhattacharya P.K., Kansara M.J., Nathan T.P.S., Singh P., Wagh A.G.:
Investigation of laser-annealed antimony implanted Si by ion backscattering and channeling, and structure analysis.
Appl. Phys. A 39, 147-153 (1986) PACS: 79.20 61.16 61.70
- Berres W., Bay H.L.:
The velocity distribution of sputtered Zr atoms for irradiation at normal and oblique angle of incidence.
Appl. Phys. A 33, 235-241 (1984) PACS: 79.20 32.80
- Bertolotti M., Ferrari A., Sibilia C., Tamburini M.:
Dilatation and temperature increase of a semiconductor surface heated by a CW laser.
Appl. Phys. A 37, 109-116 (1985) PACS: 79.20
- Biersack J.P., Eckstein W.:
Sputtering studies with the Monte Carlo program TRIM.SP.
Appl. Phys. A 34, 73-94 (1984) PACS: 79.20
- Borgesen P., Behrisch R., Scherzer B.M.U.:
Depth profiling by ion-beam spectroscopy.
Appl. Phys. A 27, 183-195 (1982) PACS: 79.20
- Borgesen P., Schou J., Sorensen H., Clausen C.:
Charged particle erosion of solid rare gases and dilute rare gas alloys.
Appl. Phys. A 29, 57-61 (1982) PACS: 79.20 61.80 71.35
- Carter G., Nobes M.J., Whitton J.L.:
Sputtering induced topography development on f.c.c. metals.
Appl. Phys. A 38, 77-95 (1985) PACS: 79.20 61.50 61.80
- Chen C.K., Eckstein W., Scherzer B.M.U.:
Trapping and reflection coefficients for 3He in Ni at oblique incidence.
Appl. Phys. A 31, 37-44 (1983) PACS: 79.20
- Chen C.K., Scherzer B.M.U., Eckstein W.:
Trapping and reflection coefficients for deuterium in graphite at oblique incidence.
Appl. Phys. A 33, 265-268 (1984) PACS: 79.20
- Comsa G., Poelsema B.:
The scattering of thermal He atoms at ordered and disordered surfaces.
Appl. Phys. A 38, 153-160 (1985) PACS: 79.20 68.20 68.45
- Cook D.R., Horsky T.W., Coleman P.G.:
Elastic and inelastic scattering of slow positrons from a LiF (100) surface.
Appl. Phys. A 34, 237-242 (1984) PACS: 79.20
- Duini E.:
Laser fluorescence measurements of the flux density of titanium sputtered from an oxygen covered surface.
Appl. Phys. A 38, 131-138 (1985) PACS: 79.20
- Eckstein W., Biersack J.P.:
Computer simulation of two-component target sputtering.
Appl. Phys. A 37, 95-108 (1985) PACS: 79.20
- Eckstein W., Biersack J.P.:
Reflection of low-energy hydrogen from solids.
Appl. Phys. A 38, 123-129 (1985) PACS: 79.20 52.40
- Eschenbacher H., Richard A., Dose V.:
Comparison of low-energy neutral scattering (LENS) with low-energy ion scattering (LEIS) at clean and adsorbate covered Ni surfaces.
Appl. Phys. A 34, 19-23 (1984) PACS: 79.20
- Falcone G., Oliva A.:
Energy spectra of atoms sputtered by keV light-ion bombardment.
Appl. Phys. A 32, 201-203 (1983) PACS: 79.20
- Falcone G., Oliva A.:
Sputtering of multicomponent materials. Numerical solution of the balance equation.
Appl. Phys. A 33, 175-178 (1984) PACS: 79.20
- Gnaser H., Fleischhauer J., Hofer W.O.:
Analysis of solids by secondary ion and sputtered neutral mass spectrometry.
Appl. Phys. A 37, 211-220 (1985) PACS: 79.20 07.75
- Hofer W.O., Besocke K., Stritzker B.:
A search for a thermal spike effect in sputtering: II. Temperature dependence of the yield for heavy atomic and molecular ion bombardment.
Appl. Phys. A 30, 83-86 (1983) PACS: 79.20 61.80

- Hou M., Varelas C.:
Surface channeling of swift light ions. Measurements and simulation.
Appl. Phys. A 33, 121-131 (1984) PACS:79.20 78.60
- Kirschner J., Etzkorn H.W.:
On the fluence dependence of the sputtering yield for low-energy noble gas ions.
Appl. Phys. A 29, 133-139 (1982) PACS:79.20 68.20
- Koma A., Miki K.:
Core electron excitation spectra of diamond, graphite, and glassy carbon.
Appl. Phys. A 34, 35-39 (1984) PACS:79.20 71.20
- Miotello A.:
Analysis of temperature and enhanced diffusion effects in sputtering of CrSi₂.
Appl. Phys. A 40, 85-89 (1986) PACS:79.20 66.30
- Pedrys R., Gabla L.:
Photon emission from sputtered nickel atoms as a function of target temperature near the Curie point.
Appl. Phys. A 32, 205-210 (1983) PACS:79.20 61.80 68.20
- Saidoh M., Gnaser H., Hofer W.O.:
On the chemical sputtering of oxygen-exposed molybdenum.
Appl. Phys. A 40, 197-202 (1986) PACS:79.20 68.90
- Schweer B., Bay H.L.:
On the velocity distribution of excited Fe-atoms by sputtering of iron.
Appl. Phys. A 29, 53-55 (1982) PACS:79.20 32.50
- Sigmund P., Szymonski M.:
Temperature-dependent sputtering of metals and insulators.
Appl. Phys. A 33, 141-152 (1984) PACS:79.20 61.80 96.60
- Sigmund P., Szymonski M.:
Temperature-dependent sputtering of metals and insulators.
ERRATUM for Appl. Phys. A 33, 141-152 (1984).
Appl. Phys. A 34, 247 (1984) PACS:79.20, 61.80
- Steinbrüchel Ch.:
A simple formula for low-energy sputtering yields.
Appl. Phys. A 36, 37-42 (1985) PACS:79.20
- Szymonski M., Poradzisz A.:
A model of sputtering from spikes.
Appl. Phys. A 28, 175-178 (1982) PACS:79.20
- Wedell R.:
Total backscattering and energy reflection of light ions from solids in the single-collision approximation.
Appl. Phys. A 35, 91-97 (1984) PACS:79.20

79.40 Thermionic, field-, and photoemission

- Gomer R.:
Extensions of the field-emission fluctuation method for the determination of surface diffusion coefficients.
Appl. Phys. A 39, 1-8 (1986) PACS:79.70 82.65
- Hermes P., Danielzik B., Fabricius N., Linde D., von der, Kuhl J., Heppner J., Stritzker B., Pospieszczyk A.:
Evaporation of atoms from femtosecond laser-heated gallium arsenide.
Appl. Phys. A 39, 9-11 (1986) PACS:79.40 65.90 64.90
- Kingham D.R.:
Charge state of ions in liquid metal field ion sources.
Appl. Phys. A 31, 161-164 (1983) PACS:79.70
- Kingham D.R., Swanson L.W.:
Shape of a liquid metal ion source. A dynamical model including fluid flow and space-charge effects.
Appl. Phys. A 34, 123-132 (1984) PACS:79.70 41.80 07.80
- Kirschner J., Oepen H.P., Ibach H.:
Energy- and spin-analysis of polarized photoelectrons from NEA GaAsP.
Appl. Phys. A 30, 177-183 (1983) PACS:79.60 78.90 73.30 72.90
- Lewowski T., Mazur P.:
Attenuation length of monoenergetic electrons photojected into the NaCl layer.
Appl. Phys. A 34, 67-68 (1984) PACS:79.40 73.60
- Malvezzi A.M., Kurz H., Bloembergen N.:
Nonlinear photoemission from picosecond irradiated silicon.
Appl. Phys. A 36, 143-146 (1985) PACS:79.60 64.70
- Miskovsky N.M., Cutler P.H.:
Space-charge effects in liquid metal ion sources of different geometries.
Appl. Phys. A 28, 73-77 (1982) PACS:79.40 85.00
- Miskovsky N.M., Cutler P.H., Feuchtwang T.E.:
An exact solution of Laplace's equation for cuspidal geometry.
Appl. Phys. A 33, 205-207 (1984) PACS:79.40 68.10 48.00
- Noer R.J.:
Electron field emission from broad-area electrodes.
Appl. Phys. A 28, 1-24 (1982) PACS:79.70 52.80
- Reichert E., Zähringer K.:
Electron spin polarization in the photoemission of NEA GaAs_{1-x}P_x.
Appl. Phys. A 29, 191-193 (1982) PACS:79.60
- Siekhaus W.J., Kinney J.H., Milam D., Chase L.L.:

Electron emission from insulator and semiconductor surfaces by multiphoton excitation below the optical damage threshold.
Appl. Phys. A 39, 163-166 (1986) PACS:79.40 79.60

CROSS-DISCIPLINARY PHYSICS

81 MATERIALS SCIENCE

81.10 Methods of crystal growth and thin-film deposition

- Affolter K., Allmen M.von:
Glass-forming ability in laser quenched transition-metal alloys.
Appl. Phys. A 33, 93-96 (1984) PACS:81.20 61.40 61.80
- Bäuerle D., Leyendecker G., Geittner P., Lydtin H.:
Laser induced chemical vapor decomposition of C and Si.
Appl. Phys. B 28, 267-268 (1982) PACS:81.15
- Bäuerle D., Leyendecker G., Wagner D., Bauser E., Lu Y.C.:
Laser grown single crystals of silicon.
Appl. Phys. A 30, 147-149 (1983) PACS:81.15 61.50 42.60
- Chevallier J., Nylandsted Larsen A.:
Epitaxial nickel and cobalt silicide formation by rapid thermal annealing.
Appl. Phys. A 39, 141-145 (1986) PACS:81.10
- Götz G.:
Explosive crystallization processes in silicon.
Appl. Phys. A 40, 29-36 (1986) PACS:81.10 68.20 64.00 42.60
- Jung H., Fischer A., Ploog K.:
Photoluminescence of Al_xGa_{1-x}As/GaAs quantum well heterostructures grown by molecular beam epitaxy: I. Luminescence of the constituent Al_xGa_{1-x}As barrier and GaAs well material.
Appl. Phys. A 33, 9-17 (1984) PACS:81.15 78.55 78.20
- Kajiyama K., Saito K., Usuda K., Kano S.S., Meada S.:
CARS study of SiH₄-NH₃ reaction process in glow discharge plasma.
Appl. Phys. B 38, 139-142 (1985) PACS:81.15 82.00 42.60
- Kasper E.:
Growth kinetics of Si-molecular beam epitaxy.
Appl. Phys. A 28, 129-135 (1982) PACS:81.10 68.55
- Kräuter W., Bäuerle D., Fimberger F.:
Laser induced chemical vapor deposition of Ni by decomposition of Ni(CO)₄.
Appl. Phys. A 31, 13-18 (1983) PACS:81.15 61.55 42.60
- Kubiak R.A.A., Parker E.H.C., Newstead S., Harris J.J.:
The morphology and electrical properties of heteroepitaxial InAs prepared by MBE.
Appl. Phys. A 35, 61-66 (1984) PACS:81.10 72.15
- Liang P.H., Fang C.J., Jiang D.S., Wagner P., Ley L.:
Ultrashort laser-pulse annealing of hydrogenated amorphous silicon.
Appl. Phys. A 26, 39-43 (1981) PACS:81.10 78.55 78.30
- Lo Savio M., Oliveri M.E.:
A new procedure for thin-film deposition by solution spraying.
Appl. Phys. A 39, 269-271 (1986) PACS:81.15
- Moylan C.R., Baum T.H., Jones C.R.:
LCVD of copper: Deposition rates and deposit shapes.
Appl. Phys. A 40, 1-5 (1986) PACS:81.15 82.30
- Okuyama F.:
Cathodic needle growth from Mo(CO)₆ vapors at higher electric fields.
Appl. Phys. A 27, 57-64 (1982) PACS:81.10 68.70 79.20 52.00
- Petzoldt F., Piglmayer K., Kräuter W., Bäuerle D.:
Lateral growth rates in laser CVD of microstructures.
Appl. Phys. A 35, 155-159 (1984) PACS:81.15 61.55 42.60
- Yokoyama H., Uesugi F., Kishida S., Washio K.:
Photothermal effect contribution on film quality improvement in excimer-laser induced metal CVD.
Appl. Phys. A 37, 25-30 (1985) PACS:81.10 68.55 68.20

81.30 Phase diagrams and microstructures

- Bartur M., Nicolet M.-A.:
Thermal oxidation of cobalt disilicide.
Appl. Phys. A 29, 69-70 (1982) PACS:81.60 68.55 82.20 68.90
- Contour J.P., Massies J., Saletes A.:
X-ray photoelectron spectroscopy study of GaAs(001) surface thermocleaning prior to molecular beam epitaxy.
Appl. Phys. A 38, 45-47 (1985) PACS:81.40 79.60 81.15
- Cros A., Salavan F., Derrion J.:
Laser-induced oxidation of the Si(111) surface.
Appl. Phys. A 28, 241-245 (1982) PACS:81.60 68.55 82.80
- Drivedi H., Frey L., Langhoff H.:
The formation of glassy alloys by irradiation with intense proton beams.
Appl. Phys. A 39, 155-158 (1986) PACS:81.60
- Eyett M., Bäuerle D., Wersing W., Lubitz K., Thomann H.:
Laser-induced chemical etching of ceramic PbTi_{1-x}Zr_xO₃.
Appl. Phys. A 40, 235-239 (1986) PACS:81.30 82.65

- Gowers J.P.:
TEM image contrast from clustering in Ga-In containing III-IV alloys.
Appl. Phys. A 31, 23-27 (1983) PACS:81.30 61.10 64.00
- Koren D.:
XeCl laser controlled chemical etching of aluminum in chlorine gas.
Appl. Phys. A 40, 13-23 (1986) PACS:81.60 82.65 42.60
- Koren G.:
Ar ion laser assisted chemical etching of via holes in tungsten sheets in air.
Appl. Phys. A 40, 215-217 (1986) PACS:81.60 82.65 42.50
- Rice S., Jain K.:
Direct high-resolution excimer laser photoetching.
Appl. Phys. A 33, 195-198 (1984) PACS:81.60
- Roman E., Sanchez-Avedillo M., Segovia J.L. de:
AES and ELS study of titanium oxidation in high vacuum.
Appl. Phys. A 35, 35-40 (1984) PACS:81.60 79.20
- Rytz-Froidevaux Y., Salathe R.P., Gilgen H.H.:
Laser generated microstructures.
Appl. Phys. A 37, 121-138 (1985) PACS:81.40 82.65
- Schlapbach L., Riesterer T.:
The activation of FeI for hydrogen absorption.
Appl. Phys. A 32, 169-182 (1983) PACS:81.40 79.60 82.65
- Schücker D.:
Dynamic phenomena in laser cutting and cut quality.
Appl. Phys. B 40, 9-14 (1986) PACS:81.40 51.90 42.60
- Strawinski L., Wawrzyniak Z.M.:
Influence of the head core machining upon the fringing field.
Appl. Phys. A 40, 247-251 (1986) PACS:81.40 85.70 75.50
- Ursu I., Apostol I., Mihalescu I.N., Nistor L.C., Teodorescu V.S., Turcu E., Prokhorov A.M., Tokarev V.N.:
A study of the compounds which are induced on the metallic target surface under action of a pulsed laser plasmatron.
Appl. Phys. A 29, 209-212 (1982) PACS:81.60 68.60

82 PHYSICAL CHEMISTRY

- Gerassimov R.B., Metev S.M., Savchenko S.K., Kotov G.A., Veiko V.P.:
Laser-induced decomposition of organometallic compounds.
Appl. Phys. B 28, 266 (1982) PACS:82.00
- Goldsmith J.E.M.:
New techniques for sensitive detection: Applications to combustion diagnostics.
Appl. Phys. B 28, 304-305 (1982) PACS:82.00 34.00
- Khoroshilova E.V., Kuzmina N.P., Letokhov V.S., Matveetv Yu.A.:
Nonlinear laser UV photochemistry of maleic acid in aqueous solution.
Appl. Phys. B 31, 145-151 (1983) PACS:82.00 87.00
- Liphardt B., Liphardt B., Lüttke W., Ouw D.:
Energy transfer processes in two different bifluorophoric laser dyes.
Appl. Phys. B 29, 73-77 (1982) PACS:82.00 78.60 42.80
- Schäfer F.P., Zhang F.-G., Jethwa J.:
Intramolecular TT-energy transfer in bifluorophoric laser dyes
Appl. Phys. B 28, 37-41 (1982) PACS:82.00

82.20 Chemical kinetics and chemical reactions

- Ischenko A.A., Golubkov V.V., Spiridonov V.P., Zgurskii A.V., Akhmanov A.S., Vabishevich M.G., Bagratashvili V.N.:
A stroboscopic gas-electron diffraction method for the investigation of short-lived molecular species.
Appl. Phys. B 32, 161-163 (1983) PACS:82.20 35.00
- Nicol G.R., Evans D.K., McAlpine R.D.:
Pulsed CO₂ laser-induced multiphoton decomposition of cyclobutanone: A comparison of predictions for 3 models of decomposition probability vs. fluence.
Appl. Phys. B 39, 29-34 (1986) PACS:82.20 33.80 82.30
- Stein H., Erben-Russ M., Kompa K.L.:
Infrared laser-induced photodissociation of fast sulfur dioxide ions.
Appl. Phys. B 29, 189 (1982) PACS:82.20
- Hason A., Gozel P., Duperrex R., Bergh H. van den:
Deuterium isotope separation in the infrared multiphoton dissociation of CF₂HCl and CF₂Cl₂.
Appl. Phys. B 29, 188-189 (1982) PACS:82.40
- Kleineremanns K., Linnebach E.:
Observation of OH angular momentum polarization produced by H₂O₂ at 2.6 eV collision energy.
Appl. Phys. B 36, 203-206 (1985) PACS:82.30 82.50
- Umstead M.E., Lin M.C.:
Laser-induced reactions of NO₂ in the visible: III. Adamantane nitration in the liquid phase.
Appl. Phys. B 39, 61-63 (1986) PACS:82.30 82.50
- Umstead M.E., Lloyd S.A., Fleming J.W., Lin M.C.:
Laser-induced reactions of NO₂ in the visible region. I. Kinetic

- modeling of nitrobutane formation in the NO₃-isobutane system.
Appl. Phys. B 38, 219-224 (1985) PACS:82.30 82.50
- Umstead M.E., Lloyd S.A., Lin M.C.:
Laser-induced reaction of NO₂ in the visible region. II. Kinetic and mechanistic study of the NO₂-CO system.
Appl. Phys. B 39, 55-59 (1986) PACS:82.30 82.50

82.50 Photochemistry and radiation chemistry

- Abakumov G.A., Manveljan R.V., Polyakov B.I., Simonov A.P., Yaroslavtsev V.T.:
Multiphoton dissociative ionization of complex molecules at optical pumping by UV laser radiation.
Appl. Phys. B 28, 223 (1982) PACS:82.50
- Alimpiev S.S., Fuß W., Kompa K.L., Schwab C., Wan C.-y.:
Multiphoton absorption of broad-band CO₂ laser radiation by SF₆.
Appl. Phys. B 35, 1-5 (1984) PACS:82.50 33.00 35.00
- Alonso E.M., Peuriot A.L., Slezak V.B.:
CO₂-laser-induced multiphoton absorption of CF₂Cl₂.
Appl. Phys. B 40, 39-42 (1986) PACS:82.50 33.00 35.00
- Attai B., Müller-Dethlefs K., Debarre D., Tara J.-P.:
Resonant CARS spectroscopy of C₂.
Appl. Phys. B 28, 221-222 (1982) PACS:82.50
- Au M.-K., Hackett P.A., Humphries M., John P.:
Infrared multiphoton dissociation of unsubstituted metal carbonyls at 5 μ m.
Appl. Phys. B 33, 43-49 (1984) PACS:82.50
- Beckmann A., Baierl P., Fietz H., Kiefer W.:
Coherent anti-Stokes continuum resonance Raman scattering in iodine vapor.
Appl. Phys. B 28, 220-221 (1982) PACS:82.50
- Bergman R.C., Homicz G., Williams M.J., Wolk G., Rich J.W.:
Chemistry of vibration-vibration pumped carbon monoxide.
Appl. Phys. B 28, 188-189 (1982) PACS:82.50 33.00
- Borsella E., Fantoni R., Giardini-Guidoni A., Cantrell C.D.:
Observation of spectral structure in the quasicontinuum of C₂F₅Cl.
Appl. Phys. B 28, 183-184 (1982) PACS:82.50 33.00
- Bunkin F.V., Luk'yanuk B.S., Shafeyev G.A., Kozlova E.K., Portniagin A.I., Voryomenko A.A., Mogyrosi P., Kiss J.G.:
Si etching affected by IR laser irradiation.
Appl. Phys. A 37, 117-119 (1985) PACS:82.50 79.20
- Cox D.M., Horsley J.A., Kaldor A., Dietz T.G., Duncan M., Smalley R.E.:
Infrared laser induced decomposition of jet-cooled uranyl molecules.
Appl. Phys. B 28, 187 (1982) PACS:82.50 33.00
- Davis G.M., Gower M.C., Fotakis C., Efthimiopoulos T., Argyrakis P.:
Spectroscopic studies of ArF laser photoablation of PMMA.
Appl. Phys. A 36, 27-30 (1985) PACS:82.50 33.00
- Ernst W.E., Törring T.:
High resolution studies of unstable diatomics by microwave-optical polarization spectroscopy and Doppler free laser polarization spectroscopy.
Appl. Phys. B 28, 222 (1982) PACS:82.50
- Evshev A.V., Letokhov V.S., Puzetzy A.A.:
Highly selective and efficient multiphoton dissociation of polyatomic molecules in multiple-frequency IR-laser fields.
Appl. Phys. B 36, 93-103 (1985) PACS:82.50 33.00
- Francisco J.S., Zhu Quinshi, Steinfeld J.I., Gilbert G.:
Infrared multiphoton absorption dynamics in chloroethane molecules.
Appl. Phys. B 28, 184-185 (1982) PACS:82.50 33.00
- Gauthier M., Cureton C.G., Hackett P.A., Willis C.:
Efficient production of 13C₂F₄ in the infrared laser photolysis of CHClF₂.
Appl. Phys. B 28, 43-50 (1982) PACS:82.50 33.00
- Gauthier M., Outhouse A., Ishikawa Y., Kutschke K.O., Hackett P.A.:
Second-stage enrichment in the laser separation of carbon isotopes.
Appl. Phys. B 35, 173-177 (1984) PACS:82.50 33.00
- Golberg S.M., Matyushin G.A., Filipetsky N.F., Savanin S.Yu., Sudarkin A.N., Tribelsky M.I.:
Thermochemical instability of transparent media induced by an absorbing inclusion.
Appl. Phys. B 31, 85-88 (1983) PACS:82.50 42.60
- Goldberg S.:
Picosecond continuum broad-band CARS probe.
Appl. Phys. B 28, 219 (1982) PACS:82.50
- Graf H.P., Kneubühl F.K.:
Time-resolved laser diagnostics on pulsed laser pyrolysis of methane.
Appl. Phys. B 28, 224-225 (1982) PACS:82.50
- Graf H.P., Kneubühl F.K.:
Temporal and spatial evolution of the laser-induced plasma in methane.
Appl. Phys. B 31, 53-61 (1983) PACS:82.50 79.20 52.50

- Hanazaki I.:
Focusing effect of a laser beam on the power dependence of multiphoton processes.
Appl. Phys. B 26, 111-116 (1981) PACS:82.50
- Harper P.G., Harrison R.G., Humphries M.R., John P.:
Non-equilibrated energy distribution in polyatomic gases: MPD of cyclobutanone.
Appl. Phys. B 28, 185-186 (1982) PACS:82.50 33.00
- Ishikawa Y., Arai S., Yamazaki H., Hama Y.:
Infrared emissions in the CO₂-laser-induced photolysis of trifluoromethane-d and mixtures of trifluoromethane-d and -h.
Appl. Phys. B 32, 85-92 (1983) PACS:82.50
- Koren G., Gertner Y., Shreter U.:
Isotope separation experiments in natural UF₆ by CF₄ and CO₂ lasers analysed by gamma-ray spectroscopy.
Appl. Phys. B 28, 188 (1982) PACS:82.50 33.00
- Krimmel E.F., Lutsch A.G.K., Swanepoel R., Brink J.:
Contribution to time-resolved enhanced chemical etching and simultaneous annealing of ion implantation amorphized silicon under intense laser irradiation.
Appl. Phys. A 38, 109-115 (1985) PACS:82.50 82.65 79.20
- Long G.R., Prentice L.D., Bialkowski S.E.:
Chemical reactions following the IRMPD of C₂F₃C₁.
Appl. Phys. B 34, 97-106 (1984) PACS:82.50 33.00
- Makide Y., Kato S., Tominaga T., Takeuchi K.:
CO₂-laser isotope separation of tritium with pentafluoroethane T (C₂TF₅).
Appl. Phys. B 28, 341-348 (1982) PACS:82.50 82.40 42.60
- Makide Y., Kato S., Tominaga T., Takeuchi K.:
Laser isotope separation of tritium from deuterium: CO₂-laser-induced multiphoton dissociation of C₂TF₅ in C₂DF₅.
Appl. Phys. B 32, 33-34 (1983) PACS:82.50 82.40 42.60
- Mannik L., Brown S.K.:
Laser enrichment of carbon-14.
Appl. Phys. B 37, 79-86 (1985) PACS:82.50
- Martino A.de, Abram I., Frey R., Pradere F.:
IR multiphoton absorption in polyatomic molecules.
Appl. Phys. B 28, 180 (1982) PACS:82.50 33.00
- Mashni M., Hess P.:
Mechanism for IR laser-induced ionization of condensed methanol.
Appl. Phys. B 28, 224 (1982) PACS:82.50
- Moore D.S., Bomse D.S., Valentini J.J.:
Collision-free coherent anti-Stokes Raman spectroscopy (CARS) of molecular photofragments.
Appl. Phys. B 28, 219-220 (1982) PACS:82.50
- Outhouse A., Lawrence P., Gauthier M., Hackett P.A.:
Laboratory scale-up of two-stage laser chemistry separation of ¹³C from CF₂HCl.
Appl. Phys. B 36, 63-75 (1985) PACS:82.50 33.00
- Parthasarathy V., Sarkar S.K., Rama Rao K.V.S., Mittal J.P.:
Selective IR laser chemistry of CDF₃ in natural fluorine.
Appl. Phys. B 39, 187-190 (1986) PACS:82.50 33.00
- Puretzky A.A., Zadkov V.N.:
CARS spectra of thermally excited SF₆ molecules.
Appl. Phys. B 31, 89-96 (1983) PACS:82.50 33.00
- Rabinowitz P., Kaldor A., Gnauck A.:
Two color infrared isotopically selective decomposition of UF₆.
Appl. Phys. B 28, 187-188 (1982) PACS:82.50 33.00
- Raffel B., Warnatz J., Wolfrum J.:
Experimental study of laser-induced thermal ignition in O₂/O₃ mixtures.
Appl. Phys. B 37, 189-195 (1985) PACS:82.50 42.60
- Reisler H., Kong F., Wittig C.:
The laser driven unimolecular reaction of CF₃CH: Product energy disposal and its dependence on laser fluence/intensity.
Appl. Phys. B 28, 186 (1982) PACS:82.50 33.00
- Schell-Sorokin A.J., Lankard J.R., Bethune D.S., Loy M.M.T., Sorokin P.P.:
Laser induced explosive decomposition of chlorine dioxide.
Appl. Phys. B 28, 226-227 (1982) PACS:82.50
- Schröder H., Lamprecht H., Kompa K.L.:
Time resolved observation of excited atoms and molecules in multiphoton dissociation.
Appl. Phys. B 28, 180-181 (1982) PACS:82.50 33.00
- Simpson T.B., Tsao J.Y., Burak I., Bloembergen N.:
The dynamics of the infrared multiphoton pumping of excited NO₂ molecules.
Appl. Phys. B 28, 181-182 (1982) PACS:82.50 33.00
- Siomos K., Christophorou L.G.:
Laser-induced multiphoton ionization and photophysical processes of molecules in liquids.
Appl. Phys. B 28, 225-226 (1982) PACS:82.50
- Stephenson J.C., Li C.-L., Blazy J.A., King D.S.:
Laser intensity dependence in the multiphoton excitation of the discrete, quasicontinuum, and continuum levels of molecules.
Appl. Phys. B 28, 182-183 (1982) PACS:82.50 33.00
- Sugita K., Ishikawa Y., Arai S.:
Carbon-13 separation by IRMPD of trifluoromethane-d₀ and -d₁.
Appl. Phys. B 36, 111-113 (1985) PACS:82.50
- Sumida D., Wittig C., Stuke M.:
Laser mass spectroscopy using IR MPE for the fragmentation of molecular ions.
Appl. Phys. B 28, 222-223 (1982) PACS:82.50
- Takeuchi K., Setooka S., Makide Y.:
Tritium isotope separation by CO₂-laser irradiation at low temperatures.
Appl. Phys. B 33, 83-90 (1984) PACS:82.50 82.40 42.60
- Takeuchi K., Kurihara O., Makide Y., Midorikawa K., Tashiro H.:
Laser isotope separation of tritium using CF₃CTBrF/CF₃CHBrF.
Appl. Phys. B 37, 67-72 (1985) PACS:82.50 82.40 42.60
- Wessel J.:
Isomer selective molecular detection by multiphoton ionization dissociation spectroscopy.
Appl. Phys. B 28, 227 (1982) PACS:82.50
- Zitter R.N., Koster D.F., Ringwelski A., Cantoni A.:
Pressure effects in the kinetics of CW laser induced reactions.
Appl. Phys. B 30, 19-21 (1983) PACS:82.50 34.00 82.40
- Zitter R.N., Koster D.F., Ringwelski A., Cantoni A.:
Laser frequency dependent kinetics of CW laser induced reactions.
Appl. Phys. B 30, 79-81 (1983) PACS:82.50 82.40

82.65 Surface processes

- Antonov V.S., Letokhov V.S., Shibanov A.N.:
Laser-induced photodetachment of molecular ions from the surface.
Appl. Phys. B 28, 245 (1982) PACS:82.65
- Chen C.J., Osgood R.M.:
Surface-catalyzed photochemical reactions of physisorbed molecules.
Appl. Phys. A 31, 171-182 (1983) PACS:82.65 82.50 35.00
- Chiu M.S., Shen K.P., Ku Y.K.:
Lead films produced by laser vapor deposition.
Appl. Phys. B 37, 63-65 (1985) PACS:82.65 82.50
- Freyer N., Kiskinova M., Pirug G., Bonzel H.P.:
Site-specific core level spectroscopy of CO and NO adsorption on Pt(110) (1x2) and (1x1) surfaces.
Appl. Phys. A 39, 209-219 (1986) PACS:82.65
- Heinz T.F., Chen C.K., Ricard D., Shen Y.R.:
Nonlinear optical detection of adsorbed monolayers and monolayer spectroscopy.
Appl. Phys. B 28, 229 (1982) PACS:82.65 68.00
- Leitner A., Lippitsch M.E., Draxler S., Riegler M., Aussenegg F.R.:
Fluorescence properties of dyes adsorbed to silver islands, investigated by picosecond techniques.
Appl. Phys. B 36, 105-109 (1985) PACS:82.65 33.50
- Liao P.F.:
Surface enhanced optical processes.
Appl. Phys. B 28, 229 (1982) PACS:82.65
- Whitehouse S.B., Foxon C.T., Joyce B.A.:
Thermal desorption spectroscopy of condensed lead films on (100) GaAs surfaces.
Appl. Phys. A 26, 27-33 (1981) PACS:82.65

85 ELECTRICAL AND MAGNETIC DEVICES

- Maass W., Duschl M., Hoffmann H., Friedlaender F.J.:
A new model for the explanation of the saturation buildup in the transverse HGMS-configuration.
Appl. Phys. A 32, 79-85 (1983) PACS:85.00 41.00

85.25 Superconducting devices

- Krause N., Hillenbrand B., Uzel Y., Schnitzke K.:
Superconducting properties and limitations of thin-wall niobium and niobium tin cavities.
Appl. Phys. A 30, 67-71 (1983) PACS:85.25 74.00
- Uzel Y., Schnitzke K., Krause N.:
Improvement of the polishing treatment for niobium surfaces of superconducting cavity resonators.
Appl. Phys. A 30, 185-187 (1983) PACS:85.25 82.65

85.30 Semiconductor devices

- Banerjee J.P., Pati S.P., Roy S.K.:
Computer studies on the space charge dependence of avalanche zone width and conversion efficiency of single drift p-n-n+ and n-p-p+ indium phosphide imparts.
Appl. Phys. A 35, 125-129 (1984) PACS:85.30
- Fogarassy E., Mesli A., Courcelle E., Grob A., Siffert P.:
Electrical behaviour of thermally diffused silicon solar cells submitted to rapid annealing.
Appl. Phys. A 37, 221-224 (1985) PACS:85.30 85.60 81.30

- Kazarinov R.F., Luryi S.:
Majority carrier transistor based on voltage-controlled thermionic emission.
Appl. Phys. A 28, 151-160 (1982) PACS:85.30 73.40
- Maldonado C.D.:
ROMANS II. A two-dimensional process simulator for modeling and simulation in the design of VLSI devices.
Appl. Phys. A 31, 119-138 (1983) PACS:85.40
- Pande K.P., Shen C.C.:
A GaAs MISFET with Ge₃N₄ gate dielectric.
Appl. Phys. A 28, 123-124 (1982) PACS:85.30 81.10 73.60
- Snell A.J., Spear W.E., LeComber P.G., Mackenzie K.:
Application of amorphous silicon field effect transistors in integrated circuits.
Appl. Phys. A 26, 83-86 (1981) PACS:85.30 61.40 85.60
- Yoshida S., Akiba Y., Kurosu T., Iida M.:
A SOGICON type instability in silicon.
Appl. Phys. A 35, 145-148 (1984) PACS:85.30 72.20

85.60 Photoelectric and optoelectronic devices

- Cao W.-L., Tong F.-M., Shao D.-S., Mathur V.K., Lee Chi-L.:
High peak power synchronously pumped semi-conductor lasers via two photon absorption.
Appl. Phys. B 28, 213-214 (1982) PACS:85.60
- Cingolani A., Ferrara M., Lugara M.:
Lasing semiconductors selection by means of tunable laser pumping.
Appl. Phys. B 28, 211-212 (1982) PACS:85.60
- Cohen E., Ron A.:
Gain saturation in photoexcited semiconductors.
Appl. Phys. B 28, 209 (1982) PACS:85.60
- Dandridge A., Taylor H.F.:
Correlation of intensity and frequency fluctuations in GaAlAs lasers.
Appl. Phys. B 28, 216-217 (1982) PACS:85.60
- Eichler H.J.:
Reduction of the threshold temperature sensitivity of 1.55 μ m InGaAsP lasers by subnanosecond optical excitation.
Appl. Phys. A 39, 273-276 (1986) PACS:85.60 42.55 78.45 78.20
- Haus H.A., Ippen E.P., Lattes A., Leonberger F.J.:
Optical exclusive OR gate.
Appl. Phys. B 28, 283 (1982) PACS:85.60
- Horikoshi Y., Ploog K.:
A new doping superlattice photodetector.
Appl. Phys. A 37, 47-56 (1985) PACS:85.60 72.20 71.25
- Koch T.L., Chiu L.C., Harder Ch., Yariv A.:
Picosecond-injected carriers and laser oscillation in optically pumped buried heterostructure lasers.
Appl. Phys. B 28, 217-218 (1982) PACS:85.60
- Royt T.R., Williams R.T., Long J.P., Rife J.C., Kabler M.N.:
Photoelectron spectroscopy of semiconductors under resonant multiphoton excitation.
Appl. Phys. B 28, 210-211 (1982) PACS:85.60
- Salour M.M.:
Optically pumped semiconductor lasers in external cavities.
Appl. Phys. B 28, 211 (1982) PACS:85.60
- Schmidt M., Dransfeld K.:
Generation of non-thermal surface acoustic waves.
Appl. Phys. B 28, 208 (1982) PACS:85.60
- Taylor S.E.:
On time delays in lead salt semiconductor diode lasers.
Appl. Phys. A 39, 91-94 (1986) PACS:85.60 42.80
- Tsang W.T.:
New Devices and device physics by molecular beam epitaxy.
Appl. Phys. B 28, 212-213 (1982) PACS:85.60
- Welford D., Mooradian A.:
Observation of linewidth broadening in (GaAl)As diode lasers due to electron no. fluctuations & output power and temp. dep. of the linewidth of single-freq. CW (GaAl)As diode lasers.
Appl. Phys. B 28, 214-216 (1982) PACS:85.60

86 ENERGY RESEARCH AND ENVIRONMENTAL SCIENCE

- Freudenberg K.:
Solar generator performance with load matching to water electrolysis.
Appl. Phys. A 28, 205-209 (1982) PACS:86.30 86.40
- Holmlid L., Möller K.:
Experimental thermionic energy converter without enclosure: A molecular beam supplied converter.
Appl. Phys. A 33, 199-204 (1984) PACS:86.30 82.65
- Khelkhal M., Herlemont F., Lyszyk M., Lemaire J.:
Ethylene monitoring by differential absorption with a CO₂ waveguide laser.
Appl. Phys. B 29, 227-233 (1982) PACS:86.70 07.60 42.80
- Kornilov S., Protsenko E., Chirikov S.:
Two-frequency waveguide CO₂ laser for atmospheric pollution

- monitoring.
Appl. Phys. B 39, 135-140 (1986) PACS:86.70 07.60 42.80
- Laude L.D., Wautelaet M., Andrew R.:
Laser-induced synthesis of compound semiconducting films.
Appl. Phys. A 40, 133-143 (1986) PACS:86.84 78.65 78.90
- Nonomura S., Okamoto H., Hamakawa Y.:
A study of built-in potential in a-Si solar cells by means of back-surface reflected electroabsorption.
Appl. Phys. A 32, 31-38 (1983) PACS:86.30 72.40 73.60
- Sakata I., Hayashi Y.:
Theoretical analysis of trapping and recombination of photo-generated carriers in amorphous silicon solar cells.
Appl. Phys. A 37, 153-164 (1985) PACS:86.30 72.40 73.60
- Sakata I., Hayashi Y.:
Theoretical analysis on the limitations of the open-circuit voltage of a hydrogenated amorphous silicon p-i-n solar cell.
Appl. Phys. A 39, 277-286 (1986) PACS:86.30 72.40

87 BIOPHYSICS (biological effects of radiation)

- Andreoni A., Cubeddu R., Silvestri S.de, Laborta P.:
Two-photon laser activated hematoporphyrin derivative as anti-tumor agent.
Appl. Phys. B 28, 243-244 (1982) PACS:87.00
- Corti M., DeGiorgio V.:
Quasielastic light scattering studies of aggregation phenomena and phase transitions in aqueous solutions of surfactants and biological lipids.
Appl. Phys. B 28, 240 (1982) PACS:87.00
- Docchio F., Ramponi R., Sacchi C.A., Bottiroli G., Freitas I.:
Laser-induced fluorescence microscopy of hematoporphyrin-derivative (HpD) in cells.
Appl. Phys. B 28, 244 (1982) PACS:87.00
- Duncan M.D., Reintjes J., Manuccia T.J.:
A scanning CARS microscope.
Appl. Phys. B 28, 242-243 (1982) PACS:87.00
- Jennings B.R., Ridler P.J.:
Electro-optical fluorescence studies of dye-tagged DNA solutions.
Appl. Phys. B 28, 241-241 (1982) PACS:87.00
- Letokhov V.S., Matveez Yu A., Semchishen V.A., Khoroshilova E.V.:
UV picosecond laser-induced formation of amino acids from aqueous solutions of ammoniac salts of dicarboxylic acids.
Appl. Phys. B 26, 243-245 (1981) PACS:87.00 82.00
- Letokhov V.S.:
Advances in laser nonlinear photochemistry and photobiology.
Appl. Phys. B 28, 243 (1982) PACS:87.00
- Schneckenburger H., Regulla D.F., Unsöld E.:
Time-resolved investigations of radiophotoluminescence in metaphosphate glass dosimeters.
Appl. Phys. A 26, 23-26 (1981) PACS:87.60 78.55
- Svenberg C.E., Shapiro S.L., Wang F., Pant H.:
Fluorescence lifetime using picosecond laser excitation and spectrum of calmodulin.
Appl. Phys. B 28, 240-241 (1982) PACS:87.00
- Tsukakoshi M., Kurata S., Nomiya Y., Ikawa Y., Kasuya T.:
A novel method of DNA transfection by laser microbeam cell surgery.
Appl. Phys. B 35, 135-140 (1984) PACS:87.00 42.80 07.60

AUTHOR INDEX

This author index is presented in tabular form. The names are listed in alphabetical order in the first column. The second column gives the first author of the respective paper, and the third column the bibliographic data to locate the paper in Applied Physics. The fourth column states the major PACS number for cross reference with the subject index (first part).

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Abou El Ela A.H.	Abou El Ela A.H.	A 28, 109-111 (1982)	72.20
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Algra H.A.	Algra H.A.	A 29, 83-86 (1982)	75.60
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Antonov V.S.	Antonov V.S.	B 28, 245 (1982)	82.65
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Anttila A.	Keinonen J.	A 34, 49-56 (1984)	66.30
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Apatin V.M.	Apatin V.M.	B 30, 207-210 (1983)	33.00
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Apostol I.	Ursu I.	A 34, 133-138 (1984)	78.40
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Arecchi F.T.	Arecchi F.T.	B 29, 169-170 (1982)	42.80
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Atkins C.G.	Atkins C.G.	B 29, 160 (1982)	35.00
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Avanesyan S.M.	Avanesyan S.M.	A 40, 163-166 (1986)	78.20
Averback R.S.	Averback R.S.	A 38, 139-143 (1985)	61.80
Averback R.S.	Averback R.S.	A 39, 59-64 (1986)	61.80
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Babarogic Z.	Trtica M.	B 37, 87-91 (1985)	42.55
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Baklanov E.V.	Baklanov E.V.	B 39, 179-181 (1986)	32.00	Berres W.	Berres W.	B 35, 83-93 (1984)	32.80
Bakos J.S.	Bakos J.S.	A 37, 247-249 (1985)	42.65	Berres W.	Berres W.	A 33, 236-241 (1984)	79.20
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Balashova L.L.	Balashova L.L.	A 37, 171-173 (1985)	79.20	Bertolotti M.	Bertolotti M.	A 37, 109-116 (1985)	79.20
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Bauerle D.	Bauerle D.	A 30, 147-149 (1983)	81.15	Biersack J.P.	Biersack J.P.	A 34, 73-94 (1984)	79.20
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Becker W.	Becker W.	B 28, 150 (1982)	42.55	Blazy J.A.	Bloch D.	B 28, 155-156 (1982)	42.65
Becker W.	Becker W.	B 28, 310 (1982)	42.60	Bloch D.	Köster E.	B 29, 167 (1982)	33.00
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Beimowski A.	Beimowski A.	B 28, 234-235 (1982)	42.70	Bloomfield L.A.	Bloomfield L.A.	B 29, 162 (1982)	32.00
Beimowski A.	Pruss D.	B 28, 355-358 (1982)	42.55	Bloomfield L.A.	Bloomfield L.A.	B 28, 202 (1982)	42.60
Bekirov A.	Pashmakov B.	A 37, 243-246 (1985)	68.20	Blosse A.	Blosse A.	A 34, 1-11 (1984)	61.80
Bekov G.I.	Sekov G.I.	B 30, 161-176 (1983)	32.00	Blythe H.J.	Walz F.	A 34, 57-65 (1984)	77.00
Bell A.E.	Kingham D.R.	A 36, 67-70 (1985)	68.10	Boccaro A.C.	Olmstead M.A.	A 32, 141-154 (1983)	73.00
Belland P.	Belland P.	B 34, 175-177 (1984)	42.55	Boehly T.	Seka W.	B 28, 290 (1982)	50.00
Belland P.	Gastaud C.	B 32, 79-81 (1983)	33.00	Bogen P.	Dreyfus R.W.	B 28, 292-293 (1982)	34.00
Belland P.	Belland P.	B 27, 123-128 (1982)	42.55	Bogess T.F.	Smirl A.L.	B 28, 95-96 (1982)	42.65
Bellara A.	Riviere J.P.	A 33, 77-82 (1984)	61.80	Bogess T.F.	Stryland E.W.van	B 29, 159-160 (1982)	42.10
Belyayev M.V.	Belyayev M.V.	B 26, 67-72 (1981)	42.65	Bogner U.	Bogner U.	B 29, 152 (1982)	42.80
Ben-Aryeh Y.	Ben-Aryeh Y.	B 28, 150-151 (1982)	42.55	Bohidar H.	Harwalker V.	B 31, 215-220 (1983)	05.00
Bender H.	Bender H.	A 39, 83-90 (1986)	61.50	Bohle W.	Hinz A.	B 36, 1-4 (1985)	33.00
Beneking H.	Kriutle H.	A 38, 49-56 (1985)	66.30	Böhm M.	Böhm M.	A 37, 165-170 (1985)	71.00
Benetti P.	Broglia M.	B 39, 73-76 (1986)	42.60	Böhringer K.	Deng X.C.	A 33, 29-35 (1984)	72.20
Benjamin I.	Benjamin I.	B 28, 107 (1982)	42.50	Boileau F.	Boileau F.	A 26, 107-113 (1981)	61.70
Benlarbi B.	Benlarbi B.	B 28, 63-72 (1982)	42.10	Bokor J.	Bokor J.	B 28, 200 (1982)	42.60
Benlarbi B.	Benlarbi B.	B 28, 383-390 (1982)	42.10	Bokor J.	Bucksbaum P.H.	B 28, 128 (1982)	42.60
Bensoussan M.	Bensoussan M.	B 28, 93-94 (1982)	42.65	Bokor J.	Jopson R.M.	B 28, 203 (1982)	42.60
Benza V.	Lugiatto L.A.	B 28, 164 (1982)	42.50	Bolotskikh L.T.	Bolotskikh L.T.	B 35, 249-252 (1984)	42.65
Bergamasco G.	Bergamasco G.	B 34, 191-192 (1984)	42.55	Bolotskikh L.T.	Bolotskikh L.T.	B 31, 191-192 (1983)	42.65
Bergher M.	Robinson K.E.	B 36, 41-52 (1985)	42.55	Bolshov L.A.	Bolshov L.A.	B 30, 41-45 (1983)	42.80
Bergh H.van den	Hason A.	B 29, 188-189 (1982)	82.40	Bömmel H.E.	Stachel M.	A 30, 27-32 (1983)	76.00
Bergmann K.	Jones P.L.	B 28, 196 (1982)	07.65	Bomse D.S.	Moore D.S.	B 28, 219-220 (1982)	82.50
Bergman R.C.	Bergman R.C.	B 28, 188-189 (1982)	82.50	Bonhomme P.	Danesh P.	A 39, 297-299 (1986)	61.10
Bergou J.	Bergou J.	B 28, 105 (1982)	42.50	Boni R.	Seka W.	B 28, 290 (1982)	50.00

Bonn J.	Krönert U.	B 38, 65-70 (1985)	42.80	Bunge C.F.	Helman J.S.	B 29, 144 (1982)	42.55
Bonn J.	Ruster W.	B 30, 83-86 (1983)	07.65	Bunkin F.V.	Bunkin F.V.	A 37, 117-119 (1985)	82.50
Bonnafé J.	Fillard J.P.	A 35, 149-153 (1984)	72.80	Bunkin N.F.	Bunkin N.F.	A 40, 159-162 (1986)	66.30
Bont R.de	Kivits P.	A 26, 101-105 (1981)	42.30	Burak I.	Simpson T.B.	B 28, 181-182 (1982)	82.50
Bonzel H.P.	Bonzel H.P.	A 35, 1-8 (1984)	66.30	Burdge G.L.	Burdge G.L.	B 28, 197 (1982)	07.65
Bonzel H.P.	Freier N.	A 39, 209-219 (1986)	82.65	Burggraf H.	Harde H.	B 28, 246 (1982)	42.80
Bor Zs.	Bor Zs.	B 27, 9-14 (1982)	42.60	Burkhard H.	Kuchar F.	A 33, 83-85 (1984)	73.60
Bor Zs.	Bor Zs.	B 27, 77-81 (1982)	42.60	Buriamacchi P.	Rivano V.	B 35, 71-75 (1984)	42.60
Bor Zs.	Bor Zs.	B 32, 101-104 (1983)	42.10	Burland D.M.	Burland D.M.	B 28, 122-123 (1982)	33.00
Bor Zs.	Bor Zs.	B 31, 209-213 (1983)	42.60	Burov J.I.	Ivanov D.V.	B 30, 203-205 (1983)	41.00
Bor Zs.	Szabo G.	B 31, 1-4 (1983)	42.60	Burov J.I.	Kanh T.D.	A 27, 95-97 (1982)	42.80
Bor Zs.	Müller A.	B 28, 176-177 (1982)	42.60	Burum D.P.	Shelby R.M.	B 28, 262 (1982)	78.00
Bor Zs.	Szatmari S.	B 34, 29-31 (1984)	42.60	Burzo E.	Burzo E.	A 35, 79-85 (1984)	75.30
Bor Zs.	Szabo G.	B 34, 145-147 (1984)	42.55	Bushuk B.A.	Rubinov A.N.	B 30, 99-104 (1983)	42.60
Borde Ch.J.	Borde Ch.J.	B 28, 82-83 (1982)	42.65	Butt M.A.	Butt M.A.	A 32, 223-224 (1983)	71.55
Borde Ch.J.	Salomon Ch.	B 29, 153-155 (1982)	42.80	Byer R.L.	Eggleston J.M.	B 28, 236 (1982)	42.70
Borgesen P.	Borgesen P.	A 29, 57-61 (1982)	79.20	Byer R.L.	Gustafson E.	B 28, 85-86 (1982)	42.65
Borgesen P.	Borgesen P.	A 27, 183-195 (1982)	79.20				
Borisenko V.E.	Nylandsted Larsen A.	A 33, 51-58 (1984)	61.70	Cahuzac Ph.	Brechignac C.	B 29, 180-181 (1982)	34.00
Borisov M.	Borisov M.	A 40, 219-225 (1986)	61.70	Caloi R.	Pascale M.P.de	B 28, 151 (1982)	42.55
Borsella E.	Borsella E.	B 28, 183-184 (1982)	82.50	Campisano S.U.	Campisano S.U.	A 31, 157-160 (1983)	61.70
Borstel G.	Borstel G.	A 38, 193-204 (1985)	71.25	Campisano S.U.	Campisano S.U.	A 30, 195-211 (1983)	61.70
Boschetti A.	Bassi D.	B 26, 99-103 (1981)	34.50	Campisano S.U.	Campisano S.U.	A 29, 147-149 (1982)	61.70
Boscolo I.	Boscolo I.	B 35, 163-166 (1984)	42.50	Camy G.	Salomon Ch.	B 29, 153-155 (1982)	42.80
Boscolo I.	Boscolo I.	B 37, 229-232 (1985)	42.60	Cancellieri G.	Cancellieri G.	A 26, 51-57 (1981)	42.82
Botineau J.	Falco C.	A 30, 23-26 (1983)	07.60	Cannon B.D.	Cannon B.D.	B 38, 57-64 (1985)	06.00
Bottiger J.	Besenbacher F.	A 29, 141-145 (1982)	61.80	Cantoni A.	Zitter R.N.	B 30, 19-21 (1983)	82.50
Bottiger J.	Möller W.	A 27, 19-29 (1982)	61.70	Cantoni A.	Zitter R.N.	B 30, 79-81 (1983)	82.50
Bottiroli G.	Docchio F.	B 28, 244 (1982)	87.00	Cantrell C.D.	Cantrell C.D.	B 28, 257-258 (1982)	36.20
Bouchiat M.A.	Bouchiat M.A.	B 29, 43-54 (1982)	42.80	Cantrell C.D.	Dilonardo M.	B 29, 181 (1982)	36.00
Boughton C.V.	Boughton C.V.	B 28, 113 (1982)	33.00	Cantrell C.D.	Borsella E.	B 28, 183-184 (1982)	82.50
Boulnois J.L.	Boulnois J.L.	B 29, 162-163 (1982)	33.00	Cao W.-L.	Cao W.-L.	B 28, 213-214 (1982)	85.60
Bourgoin J.C.	Blosse A.	A 34, 1-11 (1984)	61.80	Capitelli M.	Dilonardo M.	B 29, 181 (1982)	36.00
Bourne O.L.	Bourne O.L.	B 32, 193-198 (1983)	42.55	Capjack C.E.	Capjack C.E.	B 26, 161-167 (1981)	52.80
Bourne O.L.	Bourne O.L.	B 36, 181-185 (1985)	42.55	Capjack C.E.	Antoniuk D.M.	B 35, 155-162 (1984)	42.55
Bourne O.L.	Huo Y.S.	B 38, 125-129 (1985)	42.65	Cardona M.	Shen S.C.	A 28, 215-221 (1982)	61.40
Bowden C.M.	Mattar F.P.	B 29, 149-151 (1982)	42.50	Cardon F.	Hanselaer P.L.	A 39, 129-133 (1986)	73.30
Boyd I.W.	Boyd I.W.	A 31, 71-74 (1983)	61.80	Care F.	Mandelis A.	A 38, 117-122 (1985)	64.00
Boyd R.W.	Boyd R.W.	B 29, 163-164 (1982)	42.65	Caro R.G.	Gower M.C.	B 28, 158 (1982)	42.65
Boyer K.	Muller D.F.	B 28, 199-200 (1982)	42.60	Caro R.G.	Wisoff P.J.K.	B 35, 65-69 (1984)	35.80
Boyer K.	Srinivasan T.	B 28, 198-199 (1982)	42.60	Carr I.D.	Carr I.D.	B 36, 83-92 (1985)	42.60
Brabander F.van	Segers D.	A 27, 129-132 (1982)	61.70	Carrick P.G.	Pfeiffer J.	B 28, 119-120 (1982)	33.00
Bramwell S.R.	Kane D.M.	B 39, 171-178 (1986)	06.00	Cartaleva St.St.	Cartaleva St.St.	B 40, 153-155 (1986)	42.60
Bramwell S.R.	Kane D.M.	B 40, 147-151 (1986)	42.60	Carter G.	Carter G.	A 38, 77-95 (1985)	79.20
Brandt U.	Thielemann P.	A 28, 53-58 (1982)	75.70	Carusotto S.	Carusotto S.	B 36, 125-131 (1985)	42.80
Bräuchle Chr.	Pinsl J.	A 40, 77-84 (1986)	42.40	Carvalho W.	Martinot P.	B 29, 172-173 (1982)	42.80
Brauer G.	Intenberg L.	A 28, 59-62 (1982)	78.55	Casagrande F.	Casagrande F.	B 28, 166 (1982)	42.50
Braun M.	Braun M.	A 28, 25-33 (1982)	68.00	Casagrande F.	Armondo E.	B 30, 57-77 (1983)	42.55
Breant Ch.	Borde Ch.J.	B 28, 82-83 (1982)	42.65	Casagrande F.	Strini G.	B 28, 109 (1982)	42.50
Brechignac C.	Brechignac C.	B 29, 180-181 (1982)	34.00	Casano L.	Pascale M.P.de	B 28, 151 (1982)	42.55
Breitschwerdt A.	Stolz W.	A 38, 97-102 (1985)	68.55	Casati G.	Casagrande F.	B 28, 166 (1982)	42.50
Brenner D.	Prior Y.	B 29, 159 (1982)	33.00	Cassidy D.T.	Cassidy D.T.	B 29, 279-285 (1982)	07.65
Brewer R.	Braun M.	A 28, 25-33 (1982)	68.00	Castagne M.	Fillard J.P.	A 35, 149-153 (1984)	72.80
Brewer R.G.	Schenzie A.	B 28, 297 (1982)	32.00	Castell R.	Castell R.	B 38, 1-10 (1985)	07.60
Brey Mayer H.-J.	Brey Mayer H.-J.	B 28, 335-339 (1982)	72.20	Castellan Jr. A.W.	Stanley R.J.	B 32, 35-38 (1983)	33.80
Brey Mayer H.-J.	Brey Mayer H.-J.	A 33, 1-7 (1984)	72.20	Catherall J.M.	Catherall J.M.	B 28, 176 (1982)	42.60
Brickman R.O.	Genack A.Z.	B 28, 276-277 (1982)	42.80	Cecchetti W.	Bergamasco G.	B 34, 191-192 (1984)	42.55
Brieger M.	Buesener H.	B 39, 77-81 (1986)	42.65	Cefalas A.C.	Cefalas A.C.	B 37, 159-164 (1985)	42.55
Brimacombe R.K.	Brimacombe R.K.	B 36, 115-124 (1985)	42.55	Cembali F.	Servidori M.	A 39, 191-195 (1986)	61.70
Brincourt G.	Vedel M.	B 34, 229-235 (1984)	07.75	Center R.	Slater J.	B 28, 153-154 (1982)	42.55
Brink J.	Krimmel E.F.	A 38, 109-115 (1985)	82.50	Chab V.	Chab V.	A 39, 67-71 (1986)	71.20
Briones F.	Briones F.	A 36, 147-151 (1985)	68.55	Chakravarti A.N.	Chakravarti A.N.	A 26, 165-169 (1981)	73.60
Brito Cruz C.H.	Brito Cruz C.H.	B 28, 175 (1982)	42.60	Chan K.	Chan K.	B 38, 11-15 (1985)	42.68
Brito Cruz C.H.	Brito Cruz C.H.	B 35, 95-104 (1984)	42.60	Chan K.K.	Mandelis A.	B 30, 117-122 (1985)	64.00
Brito Cruz C.H.	Brito Cruz C.H.	B 35, 131-133 (1984)	42.55	Chang C.T.	Campisano S.U.	A 31, 157-160 (1983)	61.70
Brito Cruz C.H.	Lazzaro P.di	B 39, 131-134 (1986)	42.60	Chang S.-L.	Chang S.-L.	A 37, 57-64 (1985)	61.10
Broer D.J.	Broer D.J.	A 32, 107-123 (1983)	42.30	Chang S.-L.	Chang S.-L.	A 26, 221-226 (1981)	61.10
Broglia M.	Broglia M.	B 39, 73-76 (1986)	42.60	Chang S.-L.	Jiang D.-S.	A 27, 213-218 (1982)	71.25
Bronner W.	Bronner W.	B 34, 11-15 (1984)	33.80	Chang T.Y.	Chang T.Y.	B 28, 156-157 (1982)	42.65
Brown S.K.	Mannik L.	B 37, 79-86 (1985)	82.50	Chang Y.-J.	Chang Y.-J.	A 36, 221-227 (1985)	61.10
Broyer M.	Broyer M.	B 35, 31-36 (1984)	42.60	Chang Y.-J.	Chang Y.-J.	A 29, 237-244 (1982)	61.10
Bruchmann H.D.	Bruchmann H.D.	A 29, 113-124 (1982)	68.20	Chao T.H.	Yu F.T.S.	B 32, 1-6 (1983)	42.30
Brudnyi V.N.	Brudnyi V.N.	A 29, 219-223 (1982)	61.80	Chaplin N.I.	Ursu I.	A 40, 227-233 (1986)	42.70
Brueck S.R.J.	Ehrlich D.J.	B 29, 183-184 (1982)	42.80	Chaplin N.I.	Ursu I.	A 34, 133-138 (1984)	78.40
Brüesch P.	Brüesch P.	A 38, 1-18 (1985)	68.45	Chase L.L.	Siekhaus W.J.	A 39, 163-166 (1986)	79.40
Brunner W.	Brunner W.	B 28, 168-169 (1982)	42.50	Chatterjee S.S.	Kam T.T.	A 35, 219-226 (1984)	61.70
Brunner W.	Brunner W.	B 33, 187-193 (1984)	42.50	Chatterjee U.K.	Kukreja L.M.	A 36, 19-25 (1985)	61.40
Bryant F.J.	Qadeer A.	A 33, 181-182 (1984)	42.80	Chattopadhyay D.	Deb Roy M.	A 32, 39-43 (1983)	72.00
Breant Ch.	Salomon Ch.	B 29, 153-155 (1982)	42.80	Chebotaev V.P.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60
Bucher E.	Bucher E.	A 40, 71-77 (1986)	73.40	Chebotaev V.P.	Chebotaev V.P.	B 31, 45-52 (1983)	32.00
Büchner B.	Korpium P.	B 30, 121-129 (1983)	07.65	Chebotaev V.P.	Chebotaev V.P.	B 31, 193-199 (1983)	42.60
Buck J.A.	Buck J.A.	B 28, 157 (1982)	42.65	Chebotaev V.P.	Chebotaev V.P.	B 36, 59-61 (1985)	42.60
Bucksbaum P.	Bucksbaum P.	B 28, 280-281 (1982)	34.00	Chebotaev V.P.	Chebotaev V.P.	B 36, 167-169 (1985)	32.00
Bucksbaum P.H.	Bucksbaum P.H.	B 28, 128 (1982)	42.60	Chebotaev V.P.	Belyayev M.V.	B 26, 67-72 (1981)	42.65
Buesener H.	Buesener H.	B 39, 77-81 (1986)	42.65	Chebotaev V.P.	Beterov I.M.	B 31, 135-137 (1983)	32.00
Bukaluk A.	Bukaluk A.	A 34, 193-194 (1984)	66.00	Chebotaev V.P.	Baklanov E.V.	B 39, 179-181 (1986)	32.00
Bukaluk A.	Bala W.	A 37, 231-236 (1985)	78.60	Chebotaev V.P.	Chebotaev V.P.	B 31, 249-252 (1983)	32.00
Bukaluk A.	Bala W.	A 37, 231-236 (1985)	78.60	Chekalin S.V.	Chekalin S.V.	B 33, 57-61 (1984)	33.00
Bullough R.K.	Puri R.R.	B 29, 174 (1982)	42.50	Chemla D.S.	Miller D.A.B.	B 28, 96-97 (1982)	42.65
Bullough R.K.	Hildred G.P.	B 28, 260-261 (1982)	42.80	Chen C.-X.	Chen C.-X.	A 40, 37-40 (1986)	73.40

Chen C.H.	Lehmann B.E.	B 28, 114 (1982)	33.00	Cutler P.H.	Chung M.	A 36, 171-174 (1985)	41.80
Chen C.J.	Chen C.J.	A 31, 171-182 (1983)	82.65	Cutler P.H.	Miskovsky N.M.	A 27, 139-147 (1982)	68.00
Chen C.K.	Chen C.K.	A 33, 265-268 (1984)	79.20	Cutler P.H.	Miskovsky N.M.	A 33, 113-120 (1984)	41.80
Chen C.K.	Chen C.K.	A 31, 37-44 (1983)	79.20	Cutler P.H.	Miskovsky N.M.	A 33, 205-207 (1984)	79.40
Chen C.K.	Heinz T.F.	B 28, 229 (1982)	82.65	Cutler P.H.	Miskovsky N.M.	A 28, 73-77 (1982)	79.40
Chen H.L.	Chen H.L.	B 29, 164 (1982)	32.00	Cutler P.H.	Miskovsky N.M.	A 33, 43-45 (1984)	41.80
Chen J.K.	Chen J.K.	B 33, 155-160 (1984)	42.60	Cutler P.H.	Sujatha N.	A 32, 55-61 (1983)	68.10
Cheng I.S.	Wang Z.G.	B 37, 233-238 (1985)	42.55	Cvijin P.V.	Mendas I.	B 34, 1-4 (1984)	42.80
Cheng K.L.	Jean Y.C.	A 35, 169-176 (1984)	78.70	Cvijin P.V.		B 32, 119-122 (1983)	42.80
Cheung M.M.	Durbin S.D.	B 28, 145 (1982)	42.65	D'Amato F.	Inguscio M.	B 40, 165-169 (1986)	06.00
Chevalere J.	Broyer M.	B 35, 31-36 (1984)	42.60	D'Anna E.	D'Anna E.	A 40, 183-190 (1986)	68.55
Chevallier J.	Chevallier J.	A 39, 141-145 (1986)	81.10	Dabkiewicz Ph.	Bloomfield L.A.	B 28, 202 (1982)	42.60
Chevy A.	Segura A.	A 31, 139-145 (1983)	71.55	Dahiya J.N.	Iqbal K.	B 27, 153-156 (1982)	33.00
Chi C.C.	Chi C.C.	B 28, 306 (1982)	68.00	Dahlbacka G.	Dahlbacka G.	B 28, 152-153 (1982)	42.55
Chiang K.	Chiang K.	B 29, 23-30 (1982)	42.65	Dambkes H.	Schubert E.F.	A 33, 63-76 (1984)	68.55
Chin S.L.	Farkas Gy.	B 37, 141-143 (1985)	42.50	Dambkes H.	Schubert E.F.	A 33, 183-193 (1984)	72.20
Chirikov S.	Kornilov S.	B 39, 135-140 (1986)	86.70	Damzen M.J.	Damzen M.J.	B 28, 159 (1982)	42.65
Chiu L.C.	Koch T.L.	B 28, 217-218 (1982)	85.60	Dancygier M.	Laridjani M.	A 34, 111-115 (1984)	61.40
Chiu M.S.	Chiu M.S.	B 28, 130 (1982)	42.60	Dandridge A.	Dandridge A.	B 28, 216-217 (1982)	85.60
Chiu M.S.	Chiu M.S.	B 37, 63-65 (1985)	82.65	Danesh P.	Danesh P.	A 39, 297-299 (1986)	61.10
Chopra S.	Harwalkar V.	B 31, 215-220 (1983)	05.00	Dang C.	Dang C.	B 27, 145-151 (1982)	42.55
Chou C.C.	Chiu M.S.	B 28, 130 (1982)	42.60	Dang C.	Dang C.	B 31, 163-172 (1983)	42.55
Chraplyvy A.R.	Chraplyvy A.R.	B 28, 264 (1982)	78.00	Daniel H.-U.	Daniel H.-U.	B 30, 189-193 (1983)	06.30
Christophorou L.G.	Stimos K.	B 28, 225-226 (1982)	82.50	Daniel H.-U.	Daniel H.-U.	B 26, 19-21 (1981)	06.30
Chu S.	Chu S.	B 28, 97 (1982)	42.65	Daniel H.-U.	Dinev S.G.	B 28, 128 (1982)	42.60
Chu S.	Chu S.	B 28, 279 (1982)	36.10	Danielius R.	Bareika B.	B 29, 176 (1982)	42.65
Chun-Sing O.	Chun-Sing O.	B 27, 129-135 (1982)	07.75	Danielz B.	Danielz B.	B 38, 31-36 (1985)	42.20
Chung J.C.	Weitz D.A.	B 28, 230 (1982)	68.00	Danielzik B.	Hermes P.	A 39, 9-11 (1986)	79.40
Chung M.	Chung M.	A 36, 171-174 (1985)	41.80	Dannefaer S.	Dannefaer S.	A 26, 255-259 (1981)	78.70
Churchill T.	Slater J.	B 28, 153-154 (1982)	42.55	Dautartas M.F.	Dautartas M.F.	A 36, 71-79 (1985)	42.30
Cingolani A.	Cingolani A.	B 28, 211-212 (1982)	85.60	Davis P.B.	Jones H.	B 30, 1-4 (1983)	33.00
Claussens L.	Borgesen P.	A 29, 57-61 (1982)	79.20	Davis B.W.	Vass A.	B 29, 131-134 (1982)	42.55
Cohauss G.	Kassing R.	A 34, 41-47 (1984)	71.20	Davis B.W.	Vass A.	B 27, 187-190 (1982)	42.55
Cohen E.	Cohen E.	B 28, 209 (1982)	85.60	Davis B.W.	Pidgeon C.R.	B 28, 288-289 (1982)	42.55
Coisson R.	Billardon M.	B 39, 9-14 (1986)	42.65	Davis G.M.	Davis G.M.	A 36, 27-30 (1985)	82.50
Cojocar E.	Cojocar E.	A 26, 243-246 (1981)	61.80	Deacon D.A.G.	Neave J.H.	A 32, 195-200 (1983)	73.60
Cojocar M.D.	Abraham N.B.	B 28, 169 (1982)	42.50	Deac I.	Tosa V.	B 36, 55-57 (1985)	33.00
Coleman P.E.	Coleman P.E.	B 28, 256 (1982)	36.20	Deacon D.A.G.	Elleaupe P.	B 33, 9-16 (1984)	42.60
Coleman P.G.	Cook D.R.	A 34, 237-242 (1984)	79.20	Deacon D.A.G.	Robinson K.E.	B 36, 41-52 (1985)	42.55
Collins C.B.	Collins C.B.	B 28, 203-204 (1982)	42.60	Dearnaley G.	Speakman S.P.	A 35, 99-102 (1984)	61.80
Collins G.J.	Rocca J.J.	B 28, 239 (1982)	42.55	Dearnaley G.	Scott M.G.	A 36, 103-111 (1985)	61.80
Collins R.A.	Collins R.A.	A 40, 109-117 (1986)	61.80	Debarre D.	Collins R.A.	A 40, 109-117 (1986)	61.80
Collins R.A.	Scott M.G.	A 36, 103-111 (1985)	61.80	Deb Roy M.	Deb Roy M.	A 26, 131-138 (1981)	72.00
Collins R.A.	Speakman S.P.	A 35, 99-102 (1984)	61.80	Deb Roy M.	Deb Roy M.	A 28, 195-204 (1982)	72.00
Colson W.B.	Colson W.B.	B 29, 101-109 (1982)	42.50	Deb Roy M.	Nag B.R.	A 29, 45-48 (1982)	72.00
Comaniciu N.	Alexandrescu R.	B 29, 182-183 (1982)	36.00	Deb Roy M.	Deb Roy M.	A 30, 189-193 (1983)	72.20
Comaniciu N.	Cojocar E.	A 26, 243-246 (1981)	61.80	Deb Roy M.	Nag B.R.	A 31, 65-70 (1983)	72.20
Comes F.J.	Ortgie G.	B 33, 103-113 (1984)	42.68	Deb Roy M.	Deb Roy M.	A 32, 39-43 (1983)	72.00
Comes F.J.	StephanRossbach KH	B 29, 147-148 (1982)	42.55	Deb Roy M.	Nag B.R.	A 38, 57-58 (1985)	72.00
Commandre M.	Derrien J.	A 28, 247-250 (1982)	68.55	Debarre D.	Attal B.	B 28, 221-222 (1982)	82.50
Commins E.	Bucksbaum P.	B 28, 280-281 (1982)	34.00	Debowska M.	Debowska M.	A 36, 47-49 (1985)	78.70
Compton R.N.	Garrett W.R.	B 29, 164-165 (1982)	42.60	Deeg F.W.	Pinsl J.	B 40, 77-84 (1986)	42.40
Cossa G.	Cossa G.	A 38, 153-160 (1985)	79.20	DeGiorgio V.	Tamura M.	A 39, 183-190 (1986)	61.70
Cone R.L.	Cone R.L.	B 28, 143 (1982)	42.65	Delacretaz G.	Corti M.	B 28, 240 (1982)	87.00
Connors L.M.	Connors L.M.	B 28, 31-35 (1982)	42.65	Delacretaz G.	Delacretaz G.	B 29, 55-61 (1982)	36.00
Contour J.P.	Contour J.P.	A 38, 45-47 (1985)	81.40	DeLaey L.	Broyer M.	B 35, 31-36 (1984)	42.60
Conzelmann H.	Conzelmann H.	A 30, 169-175 (1983)	61.70	DeLaey L.	Segers D.	A 36, 179-182 (1985)	78.70
Cook D.R.	Cook D.R.	A 34, 237-242 (1984)	79.20	DeLafond J.	Riviere J.P.	A 33, 77-82 (1984)	61.80
Cooke W.E.	Bokor J.	B 28, 200 (1982)	42.60	Demin A.I.	Bakanov D.G.	B 28, 288 (1982)	42.55
Corbelan R.	Roso L.	B 31, 115-129 (1983)	42.50	Deströder W.	Castell R.	B 38, 1-10 (1985)	07.60
Corbelan R.	Vilaseca R.	B 34, 73-82 (1984)	42.65	Demuth J.E.	Schell-Sorokin A.J.	A 39, 13-20 (1986)	73.20
Corkum P.B.	Corkum P.B.	B 28, 248 (1982)	42.55	Deng X.C.	Dang X.C.	A 33, 29-35 (1984)	72.20
Corkum P.B.	Taylor R.S.	B 26, 31-32 (1981)	42.55	DePaola B.D.	Collins C.B.	B 28, 203-204 (1982)	42.60
Corradi G.	Janszky J.	B 33, 79-82 (1984)	06.60	Depatie D.A.	Hauelsen D.C.	B 28, 94-95 (1982)	42.65
Corti M.	Corti M.	B 28, 240 (1982)	87.00	Deriu A.	Albanese G.	A 26, 45-50 (1981)	75.50
Coufal H.	Coufal H.	A 38, 213-219 (1985)	68.60	Derrick G.H.	Smith G.B.	A 36, 194-204 (1985)	68.20
Couillaud B.	Couillaud B.	B 29, 143-144 (1982)	42.60	Derrien J.	Derrien J.	A 28, 247-250 (1982)	68.55
Couillaud B.	Pouliny B.	B 28, 178-179 (1982)	42.60	Deserno R.	Cros A.	A 28, 241-245 (1982)	81.60
Countandin J.	Countandin J.	B 29, 89-92 (1982)	07.65	Deve H.	Mlynek J.	B 28, 135 (1982)	42.65
Courcelle E.	Zundel T.	A 40, 67-69 (1986)	66.30	Devroe R.G.	Rohart F.	B 39, 19-27 (1986)	42.65
Courcelle E.	Fogarassy E.	A 37, 221-224 (1985)	85.30	Devreese J.T.	Schenzie A.	B 28, 297 (1982)	32.00
Cova S.	Andreoni A.	B 28, 173-174 (1982)	42.60	Dhar A.	Devreese J.T.	A 29, 125-132 (1982)	72.20
Cox D.M.	Cox D.M.	B 28, 187 (1982)	82.50	Dhez P.	Chakravarti A.N.	A 26, 165-169 (1981)	73.60
Craddock D.	Shaw M.J.	B 28, 127 (1982)	42.60	Dick B.	Picque J.L.	B 28, 89 (1982)	42.65
Craxton R.S.	Seka W.	B 28, 290 (1982)	50.00	Dick B.	Dick B.	B 38, 107-116 (1985)	42.65
Cremier C.	Cremier C.	B 35, 7-10 (1984)	32.00	Dick B.	Dick B.	B 40, 1-7 (1986)	42.65
Cribier S.	Giacobino E.	B 29, 170-171 (1982)	42.80	Dickelmann M.	Marowsky G.	B 39, 47-53 (1986)	42.65
Cristoloveanu S.	Dufour M.	A 29, 87-92 (1982)	72.20	Diago N.de	Diagelmann M.	B 40, 49-58 (1986)	42.55
Cronmeyer D.C.	Chi C.C.	B 28, 306 (1982)	68.00	Diago N.de	Hidalgo C.	A 40, 25-28 (1986)	61.70
Cronin-Golomb M.	Fischer B.	B 28, 162 (1982)	42.65	Diels J.-C.	Hidalgo C.	A 27, 149-152 (1982)	78.70
Cros A.	Cros A.	A 28, 241-245 (1982)	81.60	Diels J.-C.	Diels J.-C.	B 28, 172-173 (1982)	42.60
Cros A.	Derrien J.	A 28, 247-250 (1982)	68.55	Diels J.-C.	Diels J.-C.	B 26, 105-110 (1981)	42.65
Cubeddu R.	Andreoni A.	B 28, 173-174 (1982)	42.60	Dienes A.	Buck J.A.	B 28, 157 (1982)	42.65
Cubeddu R.	Andreoni A.	B 28, 243-244 (1982)	87.00	Dietrich D.	Selfridge R.	B 37, 7-9 (1985)	42.55
Cui J.	Liu S.	B 28, 146-147 (1982)	42.65	Dietz T.G.	Dahlbacka G.	B 28, 152-153 (1982)	42.55
Cureton C.G.	Gauthier M.	B 28, 43-50 (1982)	82.50	DiGiuseppe T.G.	Cox D.M.	B 28, 187 (1982)	82.50
Curl Jr R.F.	Pfeiffer J.	B 28, 119-120 (1982)	33.00	Dikshu S.	Hudgens J.W.	B 28, 117 (1982)	33.00
Cutler L.S.	Cutler L.S.	B 39, 251-259 (1986)	35.00	Dikshu S.	Bareika B.	B 29, 176 (1982)	42.65
Cutler L.S.	Cutler L.S.	B 36, 137-142 (1985)	35.00	Dilonardo M.	Dilonardo M.	B 29, 181 (1982)	36.00

Dimov S.S.	Dimov S.S.	B 30, 35-40 (1983)	42.65	Eberhardt J.E.	Eberhardt J.E.	B 27, 43-47 (1982)	42.68
Dinescu M.	Ursu I.	A 35, 103-108 (1984)	61.80	Eberly J.H.	Hioe F.T.	B 28, 105-106 (1982)	42.50
Dinescu M.	Ursu I.	A 34, 133-138 (1984)	78.40	Eberly J.H.	Hioe F.T.	B 28, 106 (1982)	42.50
Dinev S.G.	Dinev S.G.	B 29, 187-188 (1982)	52.00	Eberly J.H.	Konopnicki M.J.	B 28, 103 (1982)	42.50
Dinev S.G.	Dinev S.G.	B 28, 128 (1982)	42.60	Ebrahim A.M.	El-Shazly A.A.	A 36, 51-53 (1985)	78.50
Dinhut J.F.	Riviere J.P.	B 39, 65-72 (1986)	42.60	Echt O.	Stanley R.J.	B 32, 35-38 (1983)	33.80
Dirks H.	Dirks H.	A 33, 77-82 (1984)	61.80	Eckstein W.	Eckstein W.	A 38, 123-129 (1985)	79.20
Djeu N.	Wexler B.L.	A 27, 167-169 (1982)	61.70	Eckstein W.	Eckstein W.	A 37, 95-108 (1985)	79.20
Dmitriyev A.K.	Bunkin N.F.	B 28, 159-160 (1982)	42.65	Eckstein W.	Chen C.K.	A 31, 37-44 (1983)	79.20
Döbele H.F.	Döbele H.F.	A 40, 159-162 (1986)	66.30	Eckstein W.	Biersack J.P.	A 34, 73-94 (1984)	79.20
Döbele H.F.	Schomburg H.	B 39, 91-95 (1986)	52.70	Eckstein W.	Chen C.K.	A 33, 265-268 (1984)	79.20
Döbele H.F.	Schomburg H.	B 30, 131-134 (1983)	42.55	Ederer D.	Picque J.L.	B 28, 89 (1982)	42.65
Döblhofer K.	Badawy W.	B 28, 201 (1982)	42.60	Edner H.	Alden M.	B 29, 93-97 (1982)	33.00
Dobrovolskis Z.	Dobrovolskis Z.	A 35, 189-192 (1984)	68.00	Edwards C.B.	Shaw M.J.	B 28, 127 (1982)	42.60
Dobrovolskis Z.	Adomaitis E.	A 39, 135-139 (1986)	72.20	Efendiev T.Sh.	Efendiev T.Sh.	B 28, 171 (1982)	42.50
Dobson P.J.	Neave J.H.	A 38, 145-149 (1985)	72.20	Efendiev T.Sh.	Efendiev T.Sh.	B 33, 167-169 (1984)	42.50
Dobson P.J.	Neave J.H.	A 32, 195-200 (1983)	73.60	Efthimiopoulos T.	Davis G.M.	A 36, 27-30 (1985)	82.50
Dobson P.J.	Harris J.J.	A 31, 1-8 (1983)	68.55	Egger H.	Egger H.	A 35, 41-45 (1984)	07.00
Dobson P.J.	Neave J.H.	A 33, 87-92 (1984)	73.60	Egger H.	Srinivasan T.	B 28, 198-199 (1982)	42.60
Docchio F.	Docchio F.	A 34, 179-184 (1984)	68.55	Eggleston J.M.	Eggleston J.M.	B 28, 236 (1982)	42.70
Docchio F.	Masilamani V.	B 28, 244 (1982)	87.00	Ehrhardt A.	Ehrhardt A.	A 31, 93-95 (1983)	75.00
Dononov A.I.	Balashova L.L.	B 37, 35-39 (1985)	42.55	Ehrlich D.J.	Ehrlich D.J.	B 29, 183-184 (1982)	42.80
Doghmane A.	Snell A.J.	A 28, 189-194 (1982)	79.20	Eichler H.J.	Eichler H.J.	B 28, 136-137 (1982)	42.65
Döhler G.H.	Künzel H.	A 34, 175-178 (1984)	61.40	Eichler H.J.	Eichler H.J.	B 26, 251-256 (1981)	42.55
Dong X.-Z.	Dong X.-Z.	A 27, 1-10 (1982)	72.20	Eichler H.J.	Eichler H.J.	B 36, 5-10 (1985)	42.55
Dönszelmann A.	Neijzen J.H.M.	A 28, 103-107 (1982)	75.30	Eichler H.J.	Eichler H.J.	A 39, 273-276 (1986)	85.60
Doormann V.	Doormann V.	B 28, 86-87 (1982)	42.65	Eidmann K.	Eidmann K.	B 28, 295 (1982)	42.60
Doppelbauer J.	Doppelbauer J.	A 34, 223-230 (1984)	78.65	Eifert B.	Dirks H.	A 27, 167-169 (1982)	61.70
Doppelbauer J.	Leyendecker G.	B 33, 141-147 (1984)	33.20	Eisela H.	Eisela H.	B 28, 307 (1982)	42.70
Dorikens M.	Segers D.	A 30, 237-243 (1983)	33.20	Eisfeld W.	Will J.M.	A 31, 191-193 (1983)	63.20
Dorikens M.	Segers D.	A 36, 179-182 (1985)	78.70	El-Maby M.M.H.	El-Shazly A.A.	A 36, 51-53 (1985)	78.50
Dorikens M.	Segers D.	A 27, 129-132 (1982)	61.70	El-Nadi L.	Ali G.A.E.F.	A 39, 291-296 (1986)	72.40
DorikensVanpraet L.	Segers D.	A 27, 129-132 (1982)	61.70	El-Nahass M.M.	El-Shazly A.A.	A 36, 51-53 (1985)	78.50
DorikensVanpraet L.	Segers D.	A 36, 179-182 (1985)	78.70	El-Nimr M.K.	El-Nimr M.K.	A 38, 67-75 (1985)	76.00
Dormann E.	Dormann E.	A 30, 227-231 (1983)	76.30	El-Racy M.	El-Racy M.	B 26, 251-253 (1981)	42.10
Dorn H.-P.	Gruhl H.	B 38, 199-203 (1985)	42.80	El-Shazly A.A.	El-Shazly A.A.	A 36, 51-53 (1985)	78.50
Dorozhkin L.M.	Apatin V.M.	B 29, 273-278 (1982)	33.00	Elachi C.	Engheta N.	A 26, 231-238 (1981)	41.00
Dörr F.	Mindl T.	B 31, 201-207 (1983)	42.65	Eldrup M.	Vehanen A.	A 32, 163-167 (1983)	78.70
Dose V.	Dose V.	A 40, 203-207 (1986)	07.75	Elias L.R.	Elias L.R.	B 31, 229-233 (1983)	41.00
Dose V.	Eschenbacher H.	A 34, 19-23 (1984)	79.20	Ellemaume P.	Ellemaume P.	B 33, 9-16 (1984)	42.60
Dovgalenko G.E.	Kukhtarev N.V.	A 33, 227-230 (1984)	42.40	Ellemaume P.	Colson W.B.	B 29, 101-109 (1982)	42.50
Dow J.	Seguin H.J.J.	B 33, 239-241 (1984)	07.62	Eltaesser T.	Polland H.J.	A 32, 53-57 (1983)	42.55
Dow J.D.	Ren S.-F.	A 33, 269-272 (1984)	77.55	Eltaewani A.	Fayek M.K.	B 26, 175-178 (1981)	73.00
Downer M.C.	Downer M.C.	B 28, 281-282 (1982)	32.00	Emshary C.A.	Kar A.K.	B 29, 145-146 (1982)	42.55
Dragostinova V.	Todorov T.	B 32, 93-95 (1983)	07.65	Ender D.A.	Cone R.L.	B 28, 143 (1982)	42.65
Dransfeld K.	Schmidt M.	B 28, 208 (1982)	85.60	Engheta N.	Engheta N.	B 30, 183-188 (1983)	41.00
Dransfeld K.	Schmidt M.	A 28, 211-214 (1982)	78.35	Engheta N.	Engheta N.	B 26, 231-238 (1981)	41.00
Dransfeld K.	Tsuruoka F.	A 36, 125-130 (1985)	62.00	Englehardt L.	Wettling W.	A 26, 19-22 (1981)	76.50
Dransfeld K.	Hinkov V.	A 38, 269-273 (1985)	68.25	Englert M.	Englert M.	B 28, 81-82 (1982)	42.65
Draxler S.	Leitner A.	B 36, 105-109 (1985)	82.65	Ennen H.	Windscheif J.	A 30, 47-49 (1983)	78.60
Dreger Z.	Kalinowski J.	A 37, 179-186 (1985)	71.35	Epstein V.Sh.	Kiyashko V.A.	B 36, 53-54 (1985)	42.65
Dreier T.	Dreier T.	B 29, 31-36 (1982)	42.65	Erb O.	Böhm M.	A 37, 165-170 (1985)	71.00
Dreier T.	Dreier T.	B 33, 213-218 (1984)	35.00	Erben-Russ M.	Stein H.	B 29, 189 (1982)	82.20
Dress F.W.	Rupp R.A.	B 39, 223-229 (1986)	42.40	Erbert G.V.	Chen H.L.	B 29, 164 (1982)	32.00
Drever R.W.P.	Drever R.W.P.	B 31, 97-105 (1983)	06.00	Erez G.	Golub I.	B 31, 75-78 (1983)	42.60
Drexhage K.H.	Kopansky B.	B 29, 15-18 (1982)	32.00	Erman M.	Doormann V.	A 34, 223-230 (1984)	78.65
Drexhage K.H.	Polland H.J.	B 32, 53-57 (1983)	42.55	Ermolaev V.S.	Altshuller G.B.	B 32, 97-100 (1983)	42.65
Dreyfus R.W.	Dreyfus R.W.	B 28, 292-293 (1982)	34.00	Ernsting N.P.	Ernsting N.P.	B 39, 155-164 (1986)	33.50
Drullinger R.E.	Pollock C.R.	B 29, 153 (1982)	47.80	Ernsting N.P.	Wyatt R.	B 27, 175-176 (1982)	42.65
Drummond P.D.	Drummond P.D.	B 28, 260 (1982)	42.80	Ernst K.	Beverini N.	B 26, 57-60 (1981)	33.00
Drummond P.D.	Konopnicki M.J.	B 28, 103 (1982)	42.50	Ernst K.	Beverini N.	B 37, 17-29 (1985)	32.00
Du Y.C.	Du Y.C.	A 39, 167-171 (1986)	42.60	Ernst K.	Bieniak B.	B 31, 153-155 (1983)	33.00
Dubetsky B.Ya.	Chebotaev V.P.	B 36, 167-169 (1985)	32.00	Ernst W.E.	Ernst W.E.	B 28, 222 (1982)	82.50
Dubetsky B.Ya.	Chebotaev V.P.	B 31, 45-52 (1983)	32.00	Ernst W.E.	Ernst W.E.	B 31, 79-83 (1983)	35.80
Ducas A.	Coillaud B.	B 29, 143-144 (1982)	42.60	Ernst W.E.	Ernst W.E.	B 30, 105-108 (1983)	33.40
Ducas A.	Poulligny B.	B 28, 178-179 (1982)	42.60	Ertl G.	Frenkel F.	B 28, 265 (1982)	78.00
Ducloy M.	Bloch D.	B 28, 155-156 (1982)	42.65	Eschenbacher H.	Eschenbacher H.	A 34, 19-23 (1984)	79.20
Ducloy M.	Köster E.	B 29, 167 (1982)	33.00	Etkorn H.W.	Kirschner J.	A 29, 133-139 (1982)	79.20
Dufour M.	Dufour M.	A 29, 87-92 (1982)	72.20	Euthymiou P.C.	Kaliakatos J.A.	A 31, 213-214 (1983)	78.55
Dukart R.	Dahlbacka G.	B 28, 152-153 (1982)	42.55	Evans D.K.	Evans D.K.	B 38, 38-55 (1985)	33.00
Dullni E.	Dullni E.	A 38, 131-138 (1985)	79.20	Evans D.K.	Nicol G.R.	B 39, 29-34 (1986)	82.20
Dulneva E.G.	Efendiev T.Sh.	B 28, 171 (1982)	42.50	Evans D.K.	Waller I.M.	B 32, 75-78 (1983)	33.00
Dulneva E.G.	Efendiev T.Sh.	B 33, 167-169 (1984)	42.50	Evenson K.M.	Pollock C.R.	B 29, 153 (1982)	42.80
Duncan M.	Cox D.M.	B 28, 187 (1982)	82.50	Evrard R.P.	Devreese J.T.	A 29, 125-132 (1982)	72.20
Duncan M.D.	Duncan M.D.	B 28, 242-243 (1982)	87.00	Evseev A.V.	Evseev A.V.	B 36, 93-103 (1985)	82.50
Dunn B.	Farrington G.C.	A 32, 159-161 (1983)	66.30	Ewertowski R.	Debowska M.	A 36, 47-49 (1985)	78.70
Dupasquier A.	Aldi G.	A 30, 51-57 (1983)	78.70	Ewert S.	Ewert S.	A 26, 63-82 (1981)	68.00
Dupperrex R.	Hason A.	B 29, 188-189 (1982)	82.40	Eyett M.	Eyett M.	A 40, 235-239 (1986)	81.30
Dupertuis M.A.	Behn R.	B 29, 143 (1982)	42.60	Fabre F.	Wu C.K.	B 29, 175 (1982)	42.65
Duppen K.	Weitekamp D.P.	B 29, 178-179 (1982)	42.65	Fabricius N.	Hermes P.	A 39, 9-11 (1986)	79.40
Durbin S.D.	Durbin S.D.	B 28, 145 (1982)	42.65	Failly-Lovato M.	Failly-Lovato M.	A 29, 163-168 (1982)	72.40
Dürr U.	Künzel W.	B 28, 233-234 (1982)	42.70	Falco C.	Falco C.	A 30, 23-26 (1983)	07.60
Duschl M.	Maass W.	A 32, 79-85 (1983)	85.00	Falcone G.	Falcone G.	A 33, 175-178 (1984)	79.20
Duxbury G.	Duxbury G.	B 35, 127-129 (1984)	42.55	Falcone G.	Falcone G.	A 32, 201-203 (1983)	79.20
Duxbury G.	Petersen J.C.	B 27, 19-25 (1982)	42.55	Falcone G.	Liang P.H.	A 26, 39-43 (1981)	81.10
Duxbury G.	Petersen J.C.	B 34, 17-21 (1984)	42.55	Fang C.J.	Fantoni R.	B 38, 209-218 (1985)	07.75
Duxbury G.	Petersen J.C.	B 37, 209-211 (1985)	42.55	Fantoni R.	Borsella E.	B 28, 183-184 (1982)	82.50
Drivedi H.	Drivedi H.	A 39, 155-158 (1986)	81.60	Farina J.D.	Lugiatto L.A.	B 28, 164 (1982)	42.50
Dyer P.E.	Dyer P.E.	B 26, 169-172 (1981)	42.55	Farkas Gy.	Farkas Gy.	B 37, 141-143 (1985)	42.50
Dziedziec J.M.	Ashkin A.	B 28, 142 (1982)	42.65				

Farrington G.C.	Farrington G.C.	A 32, 159-161 (1983)	66.30	Frank W.	Stolwijk N.A.	A 39, 37-48 (1986)	61.70
Farsad H.	Hamadani S.M.	B 29, 186 (1982)	42.60	Frank W.	Seeger A.	A 27, 171-176 (1982)	61.70
Fateyev N.V.	Beterov I.M.	B 31, 135-137 (1983)	32.00	Franzosi P.	Franzosi P.	A 29, 225-231 (1982)	71.55
Fauchet P.M.	Fauchet P.M.	A 32, 135-140 (1983)	42.65	Freeman R.R.	Bokor J.	B 28, 200 (1982)	42.60
Fauster Th.	Dose V.	A 40, 203-207 (1986)	07.75	Freeman R.R.	Jopson R.M.	B 28, 203 (1982)	42.60
Fayek M.K.	Fayek M.K.	A 26, 175-178 (1981)	73.00	Freiberg A.	Aaviksoo J.	B 37, 213-217 (1985)	42.55
Fayek M.K.	El-Nimr M.K.	A 38, 67-75 (1985)	76.00	Freitas I.	Dochio F.	B 28, 244 (1982)	87.00
Fedoseev A.I.	Bakanov D.G.	B 28, 288 (1982)	42.55	French I.D.	Mackenzie K.D.	A 31, 87-92 (1983)	61.40
Fedoseyev V.N.	Zherikhin A.N.	B 30, 47-52 (1983)	32.00	French I.D.	French I.D.	A 31, 19-22 (1983)	61.40
Feigenblatt R.	Seiler D.G.	B 28, 147 (1982)	42.65	Frenkel F.	Frenkel F.	B 28, 265 (1982)	78.00
Feldman B.J.	Bigio I.J.	B 28, 156 (1982)	42.65	Freudenberg K.	Freudenberg K.	A 28, 205-209 (1982)	86.30
Feldman B.J.	Slatkine M.	B 28, 125 (1982)	42.60	Freund F.	Kathrein H.	A 30, 33-41 (1983)	61.70
Feldman L.C.	Gossmann H.-J.	A 38, 171-179 (1985)	68.55	Frey L.	Dwivedi H.	A 39, 155-158 (1986)	81.60
Fellows C.E.	Tavares Jr A.D.	B 38, 259-262 (1985)	42.60	Frey R.	Martino A.de	B 28, 180 (1982)	82.50
Felsteiner J.	Ben-Aryeh Y.	B 28, 150-151 (1982)	42.55	Frey R.	Michau V.	B 39, 219-222 (1986)	42.55
Feodorov A.B.	Zadkov V.N.	B 34, 167-170 (1984)	42.65	Freyer N.	Freyer N.	A 39, 209-219 (1986)	82.65
Ferguson A.I.	Kane D.M.	B 39, 171-178 (1986)	06.00	Freysz E.	Couillaud B.	B 29, 143-144 (1982)	42.60
Ferguson A.I.	Kane D.M.	B 40, 147-151 (1986)	42.60	Friberg A.	Friberg A.	A 26, 239-242 (1981)	73.40
Fernengel W.	Fernengel W.	A 28, 137-144 (1982)	61.40	Friedberg R.	Beach R.	B 28, 274 (1982)	42.80
Fernengel W.	Dong X.-Z.	A 28, 103-107 (1982)	75.30	Friedlaender F.J.	Maass W.	A 32, 79-85 (1983)	85.00
Ferrara M.	Cingolani A.	B 28, 211-212 (1982)	85.60	Friedman J.M.	Cone R.L.	B 28, 143 (1982)	42.65
Ferrari A.	Bertolotti M.	A 37, 109-116 (1985)	79.20	Friedman W.	Richardson M.C.	B 28, 296 (1982)	42.60
Ferrell W.R.	Garrett W.R.	B 29, 164-165 (1982)	42.60	Friedrich J.	Friedrich J.	B 28, 262-263 (1982)	61.40
Feuchtwang T.E.	Chung M.	A 36, 171-174 (1985)	41.80	Fritzschke C.R.	Fritzschke C.R.	A 32, 129-134 (1983)	61.80
Feuchtwang T.E.	Miskovsky N.M.	A 27, 139-147 (1982)	68.00	Fujimoto J.G.	Fujimoto J.G.	B 34, 55-61 (1984)	42.65
Feuchtwang T.E.	Miskovsky N.M.	A 33, 113-120 (1984)	41.80	Fujimoto T.	Nishimura Y.	B 38, 91-98 (1985)	52.23
Feuchtwang T.E.	Miskovsky N.M.	A 33, 205-207 (1984)	79.40	Fujimoto Y.	Okuyama F.	A 38, 275-279 (1985)	58.55
Fiddy M.A.	Connors L.M.	B 28, 31-35 (1982)	42.65	Fujioka T.	Iyoda M.	B 28, 285-286 (1982)	42.55
Fietz H.	Beckmann A.	B 28, 220-221 (1982)	82.50	Fujisawa G.	Yokoyama A.	B 38, 99-105 (1985)	33.80
Figielski T.	Figielski T.	A 28, 253-251 (1985)	61.70	Fujisawa K.	Yamabayashi N.	B 26, 33-36 (1981)	42.55
Figielski T.	Figielski T.	A 29, 199-200 (1982)	61.70	Fujita T.	Takahashi T.	A 26, 179-184 (1981)	72.20
Figielski T.	Figielski T.	A 35, 255-261 (1984)	61.70	Fukui K.	Yamabayashi N.	B 26, 33-36 (1981)	42.55
Figielski T.	Figielski T.	A 36, 217-219 (1985)	61.70	Fukasawa T.	Suzuki T.	B 39, 247-250 (1986)	07.00
Figielski T.	Wosinski T.	A 30, 233-235 (1983)	61.70	Fukumi T.	Kojima H.	B 30, 143-148 (1983)	33.00
Figueira J.F.	Figueira J.F.	B 28, 267 (1982)	78.00	Furukawa K.	Shirai Y.	A 37, 65-72 (1985)	61.70
Fill E.	Gerck E.	B 28, 284-285 (1982)	42.55	Furuya T.	Chan K.	B 38, 11-15 (1985)	42.68
Fillard J.P.	Fillard J.P.	A 35, 149-153 (1984)	72.80	Fuß W.	Alimpiev S.S.	B 35, 1-5 (1984)	82.50
Finberger F.	Kräuter W.	A 31, 13-18 (1983)	81.15	Fuß W.	Iron M.P.	B 27, 191-194 (1982)	35.00
Finetti M.	Lien C.-D.	A 35, 47-50 (1984)	68.55	Fuß W.	Wan C.	B 35, 123-126 (1984)	42.50
Firth W.J.	Firth W.J.	B 28, 131-132 (1982)	42.65	Fuß W.	Zhang Linyang	B 39, 117-129 (1986)	33.80
Firth W.J.	Firth W.J.	B 28, 170 (1982)	42.50	Gabla L.	Pedrys R.	A 32, 205-210 (1983)	79.20
Firth W.J.	Pidgeon C.R.	B 28, 288-289 (1982)	42.55	Gable C.	Sizer II Th.	B 28, 248 (1982)	42.55
Firth W.J.	Vass A.	B 29, 131-134 (1982)	42.55	Gabriel C.	Haus H.A.	B 28, 161 (1982)	42.65
Fischer A.	Horikoshi Y.	A 39, 21-30 (1986)	78.55	Gadonas R.	Bareika B.	B 29, 176 (1982)	42.65
Fischer A.	Jung H.	A 35, 130 (1984)	78.65	Gaida G.	Baev V.M.	B 28, 289 (1982)	42.55
Fischer A.	Jung H.	A 33, 9-17 (1984)	81.15	Gale G.M.	Leubereau A.	B 34, 23-28 (1984)	35.80
Fischer A.	Jung H.	A 33, 97-105 (1984)	78.65	Gallagher T.F.	Bjorklund G.C.	B 28, 299-300 (1982)	32.00
Fischer A.	Künzel H.	A 30, 73-81 (1983)	72.20	Gallagher T.F.	Bjorklund G.C.	B 28, 300-301 (1982)	32.00
Fischer A.	Künzel H.	A 32, 69-78 (1983)	72.20	Gallardo J.	Boscolo I.	B 35, 163-166 (1984)	42.50
Fischer A.	Castell R.	B 38, 1-10 (1985)	07.60	Gallardo J.C.	Elias L.R.	B 31, 229-233 (1983)	41.00
Fischer B.	Fischer B.	B 28, 162 (1982)	42.65	Galli M.	Beverini N.	B 29, 161 (1982)	42.65
Fischer E.	Fischer E.	B 29, 144 (1982)	42.55	Galvao di Silva E.	Galvao di Silva E.	A 27, 89-94 (1982)	76.80
Fischer E.	Fischer E.	B 38, 41-49 (1985)	34.00	Gantere J.D.	Delacretaz G.	B 29, 55-61 (1982)	36.00
Fischer E.	Fischer E.	B 38, 79-89 (1985)	42.55	Gao Q.F.	Koster E.	B 29, 167 (1982)	33.00
Fischer E.	Graf H.P.	B 36, 33-40 (1985)	52.00	Garin Sh.N.	Balashova L.L.	A 37, 171-173 (1985)	79.20
Fischer J.	Fischer J.	B 32, 157-159 (1983)	52.75	Garoff S.	Weitz D.A.	B 28, 230 (1982)	68.00
Fischer R.	Brunner W.	B 33, 187-193 (1984)	42.50	Garrett W.R.	Garrett W.R.	B 29, 164-165 (1982)	42.60
Fisher P.L.	Cone R.L.	B 28, 143 (1982)	42.65	Garside B.K.	Dang C.	B 27, 145-151 (1982)	42.55
Fisher R.A.	Bigio I.J.	B 28, 156 (1982)	42.65	Garside B.K.	Dang C.	B 31, 163-172 (1983)	42.55
Fisher R.A.	Slatkine M.	B 28, 125 (1982)	42.60	Garside B.K.	Sundaram K.B.	A 34, 117-121 (1984)	68.55
Fleischhauer J.	Gnaser H.	A 37, 211-220 (1985)	79.20	Garside B.K.	Morrison H.D.	B 37, 165-170 (1985)	42.55
Fleming J.W.	Umstead M.E.	B 38, 219-224 (1985)	82.30	Gastaud C.	Gastaud C.	B 32, 79-81 (1983)	33.00
Fletcher A.N.	Fletcher A.N.	B 30, 195-202 (1983)	78.60	Gastaud C.	Belland P.	B 34, 175-177 (1984)	42.55
Fletcher A.N.	Fletcher A.N.	B 29, 139-142 (1982)	78.60	Gastaud C.	Cartaleva St.St.	B 40, 153-155 (1986)	42.60
Fletcher A.N.	Fletcher A.N.	B 27, 93-97 (1982)	78.60	Gaubatz U.	Jones P.L.	B 28, 196 (1982)	07.65
Fletcher A.N.	Fletcher A.N.	B 37, 151-157 (1985)	78.60	Gaubatz U.	Wang N.	B 40, 43-47 (1986)	42.65
Fletcher A.N.	Fletcher A.N.	B 31, 19-26 (1983)	78.60	Gaupp A.	Gaupp A.	B 29, 157 (1982)	42.60
Fletcher A.N.	Fletcher A.N.	B 37, 31-34 (1985)	78.60	Gauthier M.	Gauthier M.	B 28, 43-50 (1982)	82.50
Floch A.le	Floch A.le	B 28, 303-304 (1982)	32.00	Gauthier M.	Gauthier M.	B 35, 173-177 (1984)	82.50
Flory C.A.	Cutler L.S.	B 39, 251-259 (1986)	35.00	Gauthier M.	Outhouse A.	B 36, 63-75 (1985)	82.50
Flüggen N.	Mitschke F.	B 35, 59-64 (1984)	42.65	Gavanis T.J.	Mentzer M.A.	A 32, 15-25 (1983)	61.80
Fogarassy E.	Fogarassy E.	A 37, 221-224 (1985)	85.30	Gawlik W.	Gawlik W.	B 28, 84-85 (1982)	42.65
Földes I.B.	Bakos J.S.	A 37, 247-249 (1985)	42.65	Gaylord T.K.	Gaylord T.K.	B 28, 1-14 (1982)	42.10
Fontaine J.J.	Diels J.-C.	B 28, 172-173 (1982)	42.60	Gaylord T.K.	Baird W.E.	B 32, 15-20 (1983)	42.20
Ford G.M.	Drever R.W.P.	B 31, 97-105 (1983)	06.00	Gaylord T.K.	Weis R.S.	A 37, 191-203 (1985)	78.20
Foresti M.	Martini F.de	B 28, 153 (1982)	42.55	Gaylord T.K.	Knossen A.	B 38, 171-178 (1985)	42.10
Fork R.L.	Fork R.L.	B 29, 176 (1982)	42.60	Geerk J.	Turos A.	A 28, 99-102 (1982)	61.70
Forrest S.R.	Dautartas M.F.	A 36, 71-79 (1985)	42.30	Geffroy B.	Boileau F.	A 26, 107-113 (1981)	61.70
Fortner R.	Dahlbacka G.	B 28, 152-153 (1982)	42.55	Geim K.	Geim K.	A 27, 71-78 (1982)	72.20
Fotakis C.	Davis G.M.	A 36, 27-30 (1985)	82.50	Geiss V.	Geiss V.	A 27, 79-88 (1982)	75.50
Fournier D.	Olmstead M.A.	A 32, 141-154 (1983)	73.00	Geiss V.	Nest A.	A 27, 177-182 (1982)	75.30
Fournier M.	Belland P.	B 34, 175-177 (1984)	42.55	Geittner P.	Bauerle D.	B 28, 267-268 (1982)	81.15
Fournier M.	Gastaud C.	B 32, 79-81 (1983)	33.00	Geittner P.	Leyendecker G.	A 30, 237-243 (1983)	33.20
Foxon C.T.	Whitehouse S.B.	A 26, 27-33 (1981)	82.65	Gell Y.	Gell Y.	B 27, 15-18 (1982)	41.00
Foxon C.T.	Harris J.J.	A 33, 87-92 (1984)	73.60	Gellert B.	Gellert B.	B 33, 29-41 (1984)	52.35
Frackowiak J.K.	Frackowiak J.K.	B 27, 169-173 (1982)	41.00	Gellert B.	Gellert B.	B 32, 175-186 (1983)	52.25
Francisco C.de	Intiguez J.	A 39, 287-289 (1986)	75.60	Genack A.Z.	Genack A.Z.	B 28, 276-277 (1982)	42.80
Francisco J.S.	Francisco J.S.	B 28, 184-185 (1982)	82.50	Genzel L.	Thomas S.	A 33, 247-250 (1984)	71.35
Frankenberger R.	Weber E.W.	B 32, 63-73 (1983)	52.70	Gerassimov R.B.	Gerassimov R.B.	B 28, 266 (1982)	82.00
Frank G.	Frank G.	A 27, 197-206 (1982)	73.60				

Gerber G.	Cramer C.	B 35, 7-10 (1984)	32.00	Gossard A.C.	Miller D.A.B.	B 28, 96-97 (1982)	42.65
Gerber P.R.	Gerber P.R.	A 26, 139-142 (1981)	61.30	Gossard A.C.	Gibbs H.M.	B 29, 171-172 (1982)	42.80
Gerck E.	Gerck E.	A 28, 284-285 (1982)	42.55	Gossmann H.-J.	Gossmann H.-J.	A 38, 171-179 (1985)	68.55
Gerhardt M.	Berraissoul A.	A 39, 203-207 (1986)	77.50	Götz G.	Götz G.	A 40, 29-36 (1986)	81.10
Gerhardt H.	Bloomfield L.A.	B 29, 162 (1982)	32.00	Gouet J.L.	Picque J.L.	B 28, 89 (1982)	42.65
Gerhardt H.	Bloomfield L.A.	B 28, 202 (1982)	42.60	Gounand F.	Bjorklund G.C.	B 28, 300-301 (1982)	32.00
Gerlach-Meyer U.	Gerlach-Meyer U.	A 33, 161-165 (1984)	72.20	Gounand F.	Bjorklund G.C.	B 28, 299-300 (1982)	32.00
Germanova K.	Borisov M.	A 40, 219-225 (1986)	61.70	Gower M.C.	Gower M.C.	B 28, 158 (1982)	42.65
Gerstenhauer E.	Görtz W.	A 27, 35-38 (1982)	42.80	Gower M.C.	Davis G.M.	A 36, 27-30 (1985)	82.50
Gertner Y.	Koren G.	B 28, 188 (1982)	82.50	Gowers J.P.	Harris J.J.	A 28, 63-71 (1982)	73.60
Ghatak K.P.	Chakravarti A.N.	A 26, 165-169 (1981)	73.60	Gowers J.P.	Gowers J.P.	A 34, 231-236 (1984)	68.55
Georghe V.N.	Georghe V.N.	B 38, 205-207 (1985)	42.50	Gowers J.P.	Gowers J.P.	A 31, 23-27 (1983)	81.30
Ghezzi C.	Ghezzi C.	A 26, 191-202 (1981)	71.55	Goy P.	Raimond J.M.	B 29, 168-169 (1982)	32.00
Ghezzi C.	Franzosi P.	A 29, 225-231 (1982)	71.55	Gozel P.	Hason A.	B 29, 188-189 (1982)	82.40
Ghosh K.K.	Chakravarti A.N.	A 26, 165-169 (1981)	73.60	Gradmann U.	Gradmann U.	A 39, 101-108 (1986)	75.30
Ghosh S.	Chakravarti A.N.	A 26, 165-169 (1981)	73.60	Graener H.	Graener H.	B 29, 213-218 (1982)	34.00
Giacobino E.	Giacobino E.	B 29, 170-171 (1982)	42.80	Graf F.	Graf F.	B 34, 123-128 (1984)	42.55
Giacobino E.	Grynberg G.	B 26, 155-160 (1981)	32.65	Graf F.	Bogner U.	B 29, 152 (1982)	42.80
Giacometti J.A.	Gross B.	A 37, 89-94 (1985)	72.20	Graf H.P.	Graf H.P.	B 28, 224-225 (1982)	82.50
Giakoumakis G.E.	Kaliakatos J.A.	A 31, 213-214 (1983)	78.55	Graf H.P.	Graf H.P.	B 31, 53-61 (1983)	82.50
Gianinoni I.	Schröder H.	A 38, 227-233 (1985)	33.00	Graf H.P.	Graf H.P.	B 36, 33-40 (1985)	52.00
Giannelli J.	Shields H.	B 37, 219-221 (1985)	42.55	Gräff G.	Gräff G.	A 33, 59-62 (1984)	29.25
Giardini Guidoni A.	Borsella E.	B 28, 183-184 (1982)	82.50	Gräff K.	Conzelmann H.	A 30, 169-175 (1983)	61.70
Gibbs H.M.	Gibbs H.M.	B 29, 171-172 (1982)	42.80	Graham R.	Graham R.	B 29, 149 (1982)	42.50
Gibbs H.M.	McCall S.L.	B 28, 99-100 (1982)	42.65	Grasso F.	Anno A.	A 35, 115-118 (1984)	78.20
Gibbs H.M.	Moloney J.V.	B 28, 100-101 (1982)	42.65	Grasso F.	Barbarino S.	A 29, 77-80 (1982)	78.20
Gibbs H.M.	Moloney J.V.	B 28, 98-99 (1982)	42.65	Gratton L.M.	Gratton L.M.	A 36, 139-141 (1985)	61.80
Giber J.	Mezey L.Z.	A 35, 87-89 (1984)	68.40	Greenland P.T.	Greenland P.T.	B 29, 165-166 (1982)	32.00
Giber J.	Nagy I.	A 31, 153-155 (1983)	34.00	Greuter F.	Bucher E.	A 40, 71-77 (1986)	73.40
Gibson A.F.	Gibson A.F.	B 28, 272 (1982)	42.80	Grexa M.	Grexa M.	B 35, 145-148 (1984)	42.80
Gierulski A.	Gierulski A.	B 36, 133-135 (1985)	42.65	Grimaldi M.G.	Grimaldi M.G.	A 33, 107-111 (1984)	72.20
Gierulski A.	Dick B.	B 38, 107-116 (1985)	42.65	Grischkowsky D.	Grischkowsky D.	B 28, 193-194 (1982)	07.65
Gierulski A.	Marowsky G.	B 34, 69-72 (1984)	42.65	Grob A.	Levy D.	A 35, 141-144 (1984)	68.55
Gierulski A.	Marowsky G.	B 39, 47-53 (1986)	42.65	Grob A.	Grob J.J.	A 35, 161-167 (1984)	34.00
Gierulski A.	Scholz R.	B 28, 191-192 (1982)	07.65	Grob A.	Levy D.	A 38, 23-29 (1985)	68.55
Gierulski A.	Dick B.	B 40, 1-7 (1986)	42.65	Grob A.	Fogarassy E.	A 37, 221-224 (1985)	85.30
Giffard R.P.	Cutler L.S.	B 36, 137-142 (1985)	35.00	Grob J.J.	Grob J.J.	A 35, 161-167 (1984)	34.00
Giffard R.P.	Cutler L.S.	B 39, 251-259 (1986)	35.00	Grob J.J.	Levy D.	A 35, 141-144 (1984)	68.55
Giglio M.	Giglio M.	B 28, 165 (1982)	42.50	Grob J.J.	Levy D.	A 38, 23-29 (1985)	68.55
Gilbert G.	Francisco J.S.	B 28, 184-185 (1982)	82.50	Gronwald K.-D.	Gronwald K.-D.	A 34, 253-261 (1984)	68.20
Gilgen H.H.	Rytz-Froidevaux Y.	A 27, 133-138 (1982)	68.55	Gross B.	Gross B.	A 37, 89-94 (1985)	72.20
Gilgen H.H.	Rytz-Froidevaux Y.	A 37, 121-138 (1985)	81.40	Gross B.	Seggern H.von	A 34, 163-166 (1984)	72.20
Gillbro T.	Sundström V.	B 31, 235-247 (1983)	42.60	Gross B.	Berraissoul A.	A 39, 203-207 (1986)	77.50
Giordano G.	Pascale M.P.de	B 28, 151 (1982)	42.55	Grosse P.	Harbecke B.	A 38, 263-267 (1985)	42.10
Giorgi M.	Giorgi M.	B 34, 33-35 (1984)	33.80	Grosse P.	Grosse P.	A 39, 257-268 (1986)	42.10
Giusfredi G.	Arecchi F.T.	B 29, 79-87 (1982)	42.50	Grosse P.	Görtz W.	A 27, 35-38 (1982)	42.80
Giusfredi G.	Arecchi F.T.	B 29, 169-170 (1982)	42.80	Gruhl H.	Gruhl H.	B 38, 199-203 (1985)	42.80
Glas H.	Penzkofer A.	B 29, 37-42 (1982)	42.65	Grunder M.	Grunder M.	A 39, 73-82 (1986)	68.20
Glass I.	Karczewski G.	A 29, 49-52 (1982)	78.20	Grynberg G.	Grynberg G.	B 26, 155-160 (1981)	32.65
Glortieux P.	Jacques A.	B 26, 217-226 (1981)	33.35	Grynberg G.	Giacobino E.	B 29, 170-171 (1982)	42.80
Glortieux P.	Arimondo E.	B 30, 57-77 (1983)	42.55	Gu Z.	Liang P.	B 28, 144 (1982)	42.65
Gmelin E.	Zhou B.L.	A 28, 223-227 (1982)	72.40	Gu Z.-y.	Gu Z.-y.	B 31, 157-161 (1983)	42.55
Gnaser H.	Gnaser H.	A 37, 211-220 (1985)	79.20	Guan H.	Zwui S.	A 39, 65-66 (1986)	61.70
Gnaser H.	Saidoh M.	A 40, 197-202 (1986)	79.20	Guanchang Cheng	Yulin Li	B 39, 107-110 (1986)	42.65
Gnauack A.	Rabinowitz P.	B 28, 187-188 (1982)	82.50	Gubler U.	Bucher E.	A 40, 71-77 (1986)	73.40
Gnepp S.	Gnepp S.	B 28, 283-284 (1982)	42.80	Guerriera G.	Barbarino S.	A 29, 77-80 (1982)	78.20
Gniadek K.	Gniadek K.	B 33, 243-246 (1984)	42.82	Guggenheim H.J.	Cone R.L.	B 28, 143 (1982)	42.65
Göbel E.O.	Kuhl J.	A 34, 105-110 (1984)	72.20	Guislain H.	Sande M.van	A 40, 257-261 (1986)	29.00
Godlewski M.	Godlewski M.	A 30, 105-107 (1983)	76.30	Guilbas V.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00
Godlewski J.	Kalinowski J.	A 31, 215-220 (1983)	78.60	Gulacsi Zs.	Gota V.	B 36, 55-57 (1985)	33.00
Godlewski J.	Kalinowski J.	A 37, 179-186 (1985)	71.35	Gupta A.Sen	Gupta A.Sen	A 40, 95-99 (1986)	61.80
Godone A.	Weiss C.O.	B 27, 167-168 (1982)	42.60	Gupta B.L.	Kukreja L.M.	A 36, 19-25 (1983)	61.40
Godone A.	Weiss C.O.	B 35, 199-200 (1984)	42.60	Gupta P.K.	Mehendale S.C.	B 32, 217-223 (1983)	42.65
Goethem L.van	Sande M.van	A 40, 257-261 (1986)	29.00	Gupta P.K.	Harrison R.G.	B 28, 237-238 (1982)	42.55
Goldberg S.M.	Goldberg S.M.	B 31, 85-88 (1983)	82.50	Gusev V.E.	Korotchenkov A.I.	A 27, 121-124 (1982)	64.00
Goldberg S.	Goldberg S.	B 28, 219 (1982)	82.50	Gustafson E.	Avanesyan S.M.	A 40, 163-166 (1986)	78.20
Goldman L.M.	Goldman L.M.	B 28, 292 (1982)	50.00	Gustafson T.K.	Gustafson E.	B 28, 85-86 (1982)	42.65
Goldman L.M.	Keck R.L.	B 28, 290-291 (1982)	50.00	Güttler W.	Xie L.Z.	B 28, 232 (1982)	78.00
Goldman L.M.	Seka W.	B 28, 290 (1982)	50.00	Gyuzalian R.N.	Richter K.H.	A 32, 1-11 (1983)	42.40
Goldman L.M.	Tanaka K.	B 28, 291 (1982)	50.00		Janszky J.	B 33, 79-82 (1984)	06.60
Goldort V.G.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60				
Goldsmith J.E.M.	Goldsmith J.E.M.	B 28, 304-305 (1982)	82.00				
Goldmayo D.	Briones F.	A 36, 147-151 (1985)	68.55				
Golub I.	Golub I.	B 31, 75-78 (1983)	42.60				
Golubkov V.V.	Ischenko A.A.	B 32, 161-163 (1983)	82.20				
Gombia E.	Franzosi P.	A 29, 225-231 (1982)	71.55				
Gomer R.	Gomer R.	A 39, 1-8 (1986)	79.70				
Gomes A.S.L.	Gomes A.S.L.	B 39, 43-46 (1986)	42.10				
Gondal M.L.	Rohrbeck W.	B 31, 139-144 (1983)	33.00				
Gong Mengxiong	Zhang Linyang	B 39, 117-129 (1986)	33.80				
Gonser U.	Galvao d Silva E.	A 27, 89-94 (1982)	76.80				
Gonser U.	Ehrhardt A.	A 31, 93-95 (1983)	75.00				
Gonska H.	Kathrein H.	A 30, 33-41 (1983)	61.70				
Gonz Iez L.	Briones F.	A 36, 147-151 (1985)	68.55				
Gorokhovskii A.A.	Rebane L.A.	B 29, 235-250 (1982)	78.50				
Görtz W.	Görtz W.	A 27, 35-38 (1982)	42.80				
Gösele U.	Gösele U.	A 28, 79-92 (1982)	61.70				
Gösele U.	Tan T.Y.	A 31, 97-108 (1983)	61.70				
Gösele U.	Lau F.	A 40, 101-107 (1986)	61.70				
Gösele U.	Tan T.Y.	A 37, 1-17 (1985)	61.70				

Hall J.L.	Hough J.	B 33, 179-185 (1984)	06.00	Hellwarth R.W.	Saha S.K.	B 28, 298 (1982)	42.80
Hall R.R.	Menefee R.F.	B 28, 121-122 (1982)	33.00	Hellwarth R.W.	Chang T.Y.	B 28, 156-157 (1982)	42.65
Hall T.J.	Connors L.M.	B 28, 31-35 (1982)	42.65	Helman J.S.	Helman J.S.	B 29, 144 (1982)	42.55
Hama Y.	Ishikawa Y.	B 32, 85-92 (1983)	82.50	Helmcke J.	Helmcke J.	B 28, 83-84 (1982)	42.65
Hamadani S.M.	Hamadani S.M.	B 29, 186 (1982)	42.60	Helmcke J.	Snyder J.J.	B 32, 25-31 (1983)	42.65
Hamakawa Y.	Nonomura S.	A 32, 31-38 (1983)	86.30	Hemphill R.	Xie L.Z.	B 28, 232 (1982)	78.00
Hamakawa Y.	Hoffmann H.J.	A 33, 47-50 (1984)	71.55	Henchoz P.-D.	Henchoz P.-D.	B 38, 165-169 (1985)	34.00
Hamakawa Y.	Matsui Y.	A 28, 161-166 (1982)	73.20	Henchoz P.-D.	Schmiele R.	B 29, 201-203 (1982)	42.55
Hamdi A.H.	Affolter K.	A 37, 19-23 (1985)	79.20	Henderson D.	White J.C.	B 28, 124 (1982)	42.60
Hamilton D.K.	Hamilton D.K.	B 27, 211-213 (1982)	06.00	Henderson D.	White J.C.	B 28, 124 (1982)	42.60
Hamilton D.K.	Wilson T.	B 32, 187-191 (1983)	42.80	Henderson D.	White J.C.	B 28, 125 (1982)	42.60
Hanazaki I.	Hanazaki I.	B 26, 111-116 (1981)	82.50	Hening A.I.	Ursu I.	A 35, 103-108 (1984)	61.80
Hancock G.	Atkins C.G.	B 29, 160 (1982)	35.00	Henke W.E.	Henke W.E.	B 28, 277-278 (1982)	33.00
Hancock G.	Atkins C.G.	B 28, 120-121 (1982)	33.00	Henry R.A.	Fletcher A.N.	B 30, 195-202 (1983)	78.60
Haneman D.	Mendz G.	A 26, 87-92 (1981)	76.30	Henzler M.	Henzler M.	A 34, 205-214 (1984)	61.14
Hanna D.C.	Carr I.D.	B 36, 83-92 (1985)	42.60	Henzler M.	Gronwald K.-D.	A 34, 253-261 (1984)	68.20
Hänsch T.W.	Bloomfield L.A.	B 29, 162 (1982)	32.00	Hepner J.	Hepner J.	B 35, 77-82 (1984)	42.55
Hänsch T.W.	Bloomfield L.A.	B 28, 202 (1982)	42.60	Hepner J.	Hepner J.	A 39, 9-11 (1986)	79.40
Hanselaer P.L.	Hanselaer P.L.	A 39, 129-133 (1986)	73.30	Hepner J.	Solajic Z.	B 33, 23-27 (1984)	42.55
Hansen H.E.	Hansen H.E.	A 29, 99-103 (1982)	78.70	Heritage J.	Eichler H.J.	B 28, 136-137 (1982)	42.65
Hansen H.E.	Hansen H.E.	A 27, 247-250 (1982)	78.70	Herlemont F.	Kheikh M.	B 29, 227-233 (1982)	86.70
Hansen H.E.	Hansen H.E.	A 26, 35-38 (1981)	78.70	Herman I.P.	Magnotta F.	B 36, 207-212 (1985)	33.80
Hansen H.E.	Hansen H.E.	A 36, 81-92 (1985)	78.70	Hermann G.	Grexa M.	B 35, 145-148 (1984)	42.80
Hansen H.E.	Linderoth S.	A 33, 25-28 (1984)	78.70	Hermes P.	Hermes P.	A 39, 9-11 (1986)	79.40
Hansen H.E.	Pagh B.	A 33, 255-263 (1984)	78.70	Herpers U.	Kühke D.	B 38, 233-240 (1985)	42.55
Hansen P.	Algra H.A.	A 30, 63-65 (1983)	75.60	Herrmann G.	Peuser P.	B 38, 249-253 (1985)	32.00
Hansen P.	Algra H.A.	A 29, 83-86 (1982)	75.60	Herrmann J.	Herrmann J.	B 27, 27-37 (1982)	42.55
Hanus F.	Szörnyti T.	A 39, 251-255 (1986)	61.80	Herrmann J.	Herrmann J.	B 27, 105-113 (1982)	42.55
Haque M.A.	Islam M.N.	A 28, 145-149 (1982)	71.55	Herrmann J.	Herrmann J.	B 26, 197-202 (1981)	42.55
Hare M.	Takubo Y.	B 27, 141-144 (1982)	42.65	Hertel I.V.	Müller W.	B 31, 131-134 (1983)	34.50
Harbecke B.	Harbecke B.	A 38, 263-267 (1985)	42.10	Hertel P.	Vollmer J.	A 32, 125-127 (1983)	42.80
Harbecke B.	Grosse P.	A 39, 257-268 (1986)	42.10	Hese A.	Moers F.von	B 40, 67-75 (1986)	42.65
Harbecke B.	Harbecke B.	B 39, 165-170 (1986)	42.10	Hese A.	Buesener H.	B 39, 77-81 (1986)	42.65
Harbecke B.	Harbecke B.	A 40, 151-158 (1986)	42.10	Hess P.	Mashni M.	B 29, 205-211 (1982)	33.00
Harbalov Ch.	Borisov M.	A 40, 219-225 (1986)	61.70	Hess P.	Mashni M.	B 28, 224 (1982)	82.50
Harde H.	Harde H.	B 28, 246 (1982)	42.80	Hess P.	Schäfer B.	B 37, 197-204 (1985)	68.30
Harder Ch.	Harder Ch.	B 28, 139-140 (1982)	42.65	Heusler K.E.	Kam T.T.	A 35, 219-226 (1984)	61.70
Harder Ch.	Koch T.L.	B 28, 217-218 (1982)	85.60	Hevesi I.	Bakos J.S.	A 37, 247-249 (1985)	42.65
Haroche S.	Raimond J.M.	B 29, 168-169 (1982)	32.00	Hevesi I.	Ursu I.	A 35, 103-108 (1984)	61.80
Harper P.G.	Harper P.G.	B 28, 185-186 (1982)	82.50	Hevesi I.	Szörnyti T.	A 39, 251-255 (1986)	61.80
Harrach R.J.	Harrach R.J.	B 28, 296 (1982)	42.60	Heyen M.	Nowak U.	A 35, 27-34 (1984)	07.65
Harris J.H.	Harris J.H.	B 28, 252 (1982)	78.00	Hidalgo C.	Hidalgo C.	A 27, 149-152 (1982)	78.70
Harris J.J.	Harris J.J.	A 28, 63-71 (1982)	73.60	Hidalgo C.	Hidalgo C.	A 40, 25-28 (1986)	61.70
Harris J.J.	Harris J.J.	A 33, 87-92 (1984)	73.60	Hilbig R.	Hilbig R.	B 28, 202-203 (1982)	42.60
Harris J.J.	Neave J.H.	A 32, 195-200 (1983)	73.60	Hildred G.P.	Hildred G.P.	B 28, 260-261 (1982)	42.80
Harris J.J.	Kubiak R.A.A.	A 35, 61-66 (1984)	81.10	Hillairet J.	Hautojärvi P.	A 27, 49-56 (1982)	61.70
Harris M.R.	Willets D.V.	B 33, 91-93 (1984)	42.55	Hillbrand B.	Krause N.	A 30, 67-71 (1983)	85.25
Harrison R.G.	Harrison R.G.	B 28, 237-238 (1982)	42.55	Hill J.R.	Miller A.	B 29, 173 (1982)	42.80
Harrison R.G.	Harper P.G.	B 28, 185-186 (1982)	82.50	Hill J.R.	Manning R.J.	B 38, 17-21 (1985)	72.40
Harrison R.G.	Kar A.K.	B 29, 145-146 (1982)	42.55	Hils D.	Hough J.	B 33, 179-185 (1984)	06.00
Harrison R.G.	Al-Saidi I.A.	B 36, 17-20 (1985)	42.65	Himpel F.J.	Himpel F.J.	A 38, 205-212 (1985)	71.25
Harter D.J.	Boyd R.W.	B 29, 163-164 (1982)	42.65	Hinkov V.	Hinkov V.	B 38, 269-273 (1985)	68.25
Härtlinger F.	Penzkofer A.	B 26, 239-242 (1981)	42.55	Hintz E.	Berres W.	B 35, 83-93 (1984)	32.80
Hartmann S.R.	Beach R.	B 28, 274 (1982)	42.80	Hinz A.	Hinz A.	B 36, 1-4 (1985)	33.00
Hartmann S.R.	Whittaker E.A.	B 28, 275-276 (1982)	42.80	Hinz A.	Rohrbach W.	B 31, 139-144 (1983)	33.00
Hartung C.	Hartung C.	B 27, 39-42 (1982)	07.65	Hioe F.T.	Hioe F.T.	B 28, 105-106 (1982)	42.50
Harwalkar V.	Harwalkar V.	B 31, 215-220 (1983)	05.00	Hioe F.T.	Hioe F.T.	B 28, 106 (1982)	42.50
Hason A.	Hason A.	B 29, 188-189 (1982)	82.40	Hioe F.T.	Hioe F.T.	B 28, 106 (1982)	42.50
Hassan S.S.	Puri R.R.	B 29, 174 (1982)	42.50	Hirabayashi K.	Itoh Y.	A 26, 227-230 (1981)	61.70
Hasselbach M.	Hasselbach M.	B 28, 253-254 (1982)	42.65	Hirai T.	Takahashi T.	A 26, 179-184 (1981)	72.20
Hatta A.	Hatta A.	A 29, 71-75 (1982)	78.00	Hirsimann C.	Fork R.L.	B 29, 176 (1982)	42.60
Hatta A.	Hatta A.	A 35, 135-140 (1984)	68.00	Hirvonen J.	Hirvonen J.	A 27, 243-246 (1982)	66.30
Hauelsen D.C.	Hauelsen D.C.	B 28, 94-95 (1982)	42.65	Ho K.	Liu S.	B 28, 146-147 (1982)	42.65
Haus H.A.	Haus H.A.	B 28, 161 (1982)	42.65	Ho S.	Mandelis A.	A 33, 153-159 (1984)	68.00
Haus H.A.	Haus H.A.	B 28, 283 (1982)	85.60	Hochstrasser R.M.	Trommsdorff H.P.	B 28, 147-148 (1982)	42.65
Haus H.A.	Haus H.A.	A 27, 99-105 (1982)	41.00	Hofer W.O.	Hofer W.O.	A 30, 83-86 (1983)	79.20
Hausühl S.	Will J.M.	B 31, 191-193 (1983)	63.20	Hofer W.O.	Gnaser H.	A 37, 211-220 (1985)	79.20
Hautojärvi P.	Hautojärvi P.	A 27, 49-56 (1982)	61.70	Hofer W.O.	Saidoh M.	A 40, 197-202 (1986)	79.20
Hautojärvi P.	Yli-Kaupila J.	A 27, 31-33 (1982)	61.40	Hoffmann H.	Maass W.	A 32, 79-85 (1983)	85.00
Hayashi Y.	Sakata I.	A 39, 277-286 (1986)	86.30	Hoffmann H.J.	Hoffmann H.J.	A 33, 47-50 (1984)	71.55
Hayashi Y.	Sakata I.	A 37, 153-164 (1985)	86.30	Hoffmann H.J.	Hoffmann H.J.	A 33, 243-245 (1984)	73.40
Hayashi Y.	Sakata I.	A 40, 171-176 (1986)	73.60	Hoffmann H.J.	Hoffmann H.J.	A 27, 39-47 (1982)	71.55
He Y.	Fernengel W.	A 28, 137-144 (1982)	61.40	Hoffmann H.J.	Kassing R.	A 34, 41-47 (1984)	71.20
Hebert T.	Moers F.von	B 40, 67-75 (1986)	42.65	Hoffmann K.	Ryssel H.	A 27, 239-241 (1982)	61.80
Heckenberg N.R.	Heckenberg N.R.	B 29, 67-72 (1982)	42.55	Höfling H.J.	Höfling H.J.	A 31, 195-199 (1983)	42.65
Heddache R.	Toulemonde M.	A 36, 31-36 (1985)	65.00	Hofmann K.	Hofmann K.	A 33, 19-24 (1984)	61.70
Heftetz J.	Ajo J.	B 28, 286-287 (1982)	42.55	Hofmann W.	Egger H.	A 35, 41-45 (1984)	07.00
Hefferle P.	Mindl T.	B 31, 201-207 (1983)	42.65	Hoggan S.	Robertson N.A.	B 39, 149-153 (1986)	07.60
Hefferle P.	Coufal H.	A 38, 213-219 (1985)	68.60	Hohla K.L.	Marowsky G.	B 29, 146-147 (1982)	42.60
Heftor U.	Jones P.L.	B 28, 196 (1982)	07.65	Hohla K.L.	Antonov V.S.	B 30, 109-116 (1983)	33.00
Heidberg J.	Seidberg J.	B 29, 184 (1982)	36.00	Höhnerbach M.	Antonov V.S.	B 32, 9-14 (1983)	33.00
Heiman D.	Seifer D.G.	B 28, 147 (1982)	42.65	Hollberg L.	Graham R.	B 29, 149 (1982)	42.50
Heime K.	Schubert E.F.	A 33, 63-76 (1984)	68.55	Hollensberg K.	Hough J.	B 33, 179-185 (1984)	06.00
Heime K.	Schubert E.F.	A 33, 183-193 (1984)	72.20	Hollins R.A.	Heinrich J.	B 33, 225-234 (1984)	42.65
Heinrich J.	Heinrich J.	B 33, 225-234 (1984)	42.65	Hollins R.A.	Fletcher A.N.	B 30, 195-202 (1983)	78.60
Heinz B.	Harbecke B.	A 38, 263-267 (1985)	42.10	Hollins R.A.	Jordan D.L.	B 31, 179-186 (1983)	42.10
Heinz B.	Grosse P.	A 39, 257-268 (1986)	42.10	Holm C.	Schaub R.	A 34, 215-222 (1984)	71.55
Heinz T.F.	Heinz T.F.	B 28, 229 (1982)	82.65	Holmlid L.	Holmlid L.	A 33, 199-204 (1984)	86.30
Heller Yu.I.	Arkhipkin V.G.	B 37, 93-97 (1985)	42.65	Holwech I.	Friberg A.	A 26, 239-242 (1981)	73.40
Heller Yu.I.	Dtmov S.S.	B 30, 35-40 (1983)	42.65	Hölzlein K.	Hölzlein K.	A 34, 155-161 (1984)	71.55

Hölzl J.	Stolwijk N.A.	A 39, 37-48 (1986)	61.70	Ishikawa Y.	Gauthier M.	B 35, 173-177 (1984)	82.50
Hölzl J.	Stolwijk N.A.	A 33, 133-140 (1984)	61.70	Islam M.N.	Islam M.N.	A 28, 145-149 (1982)	71.55
Homicz G.	Bergman R.C.	B 28, 188-189 (1982)	82.50	Chan K.	Chan K.	B 38, 11-15 (1985)	42.68
Honda C.	Honda C.	B 33, 171-177 (1984)	42.55	Itoh Y.	Itoh Y.	A 26, 227-230 (1981)	61.70
Hoose J.	Richardson M.C.	B 28, 296 (1982)	42.60	Ivanco M.	Wallace S.	B 28, 278-279 (1982)	36.00
Hopf F.A.	McLoney J.L.	B 28, 98-99 (1982)	42.65	Ivanov D.V.	Ivanov D.V.	B 30, 203-205 (1983)	41.00
Hopf F.A.	McCall S.V.	B 28, 99-100 (1982)	42.65	Iwai T.	Takai N.	B 26, 185-192 (1981)	42.10
Hopf F.A.	Stryland E.W.van	B 29, 159-160 (1982)	42.10	Iwasaki N.	Shida Y.	B 38, 159-163 (1985)	42.55
Hora H.	Hora H.	A 32, 217-221 (1983)	61.80	Iwata S.	Shirai Y.	A 37, 65-72 (1985)	61.70
Hora H.	Jones D.A.	B 27, 157-159 (1982)	42.65	Iyoda M.	Iyoda M.	B 28, 285-286 (1982)	42.55
Horikoshi Y.	Horikoshi Y.	A 39, 21-30 (1986)	78.55	Ja Y.H.	Ja Y.H.	B 35, 141-144 (1984)	42.65
Horikoshi Y.	Horikoshi Y.	A 37, 47-56 (1985)	85.60	Ja Y.H.	Ja Y.H.	B 35, 217-225 (1984)	42.65
Hörl M.	Döbele H.F.	B 39, 91-95 (1986)	52.70	Ja Y.H.	Ja Y.H.	B 33, 51-56 (1984)	42.65
Horsky T.N.	Cook D.R.	A 34, 237-242 (1984)	79.20	Ja Y.H.	Ja Y.H.	B 33, 161-165 (1984)	42.65
Horsley J.A.	Cox D.M.	B 28, 187 (1982)	82.50	Ja Y.H.	Ja Y.H.	B 35, 118 (1984)	42.65
Hossain M.D.	Hossain M.D.	A 29, 29-32 (1982)	66.00	Ja Y.H.	Ja Y.H.	B 36, 21-24 (1985)	42.65
Hossain M.D.	Hossain M.D.	A 36, 63-65 (1985)	66.00	Ja Y.H.	Ja Y.H.	B 29, 166 (1982)	32.00
Hou M.	Hou M.	A 33, 121-131 (1984)	79.20	Jackson D.J.	Jackson D.J.	B 28, 238 (1982)	42.80
Hough J.	Hough J.	B 33, 179-185 (1984)	06.00	Jacob H.	Grundner M.	A 39, 73-82 (1986)	68.20
Hough J.	Kerr G.A.	B 37, 11-16 (1985)	42.60	Jacques A.	Jacques A.	B 26, 217-226 (1981)	33.35
Hough J.	Dreaver R.W.P.	B 31, 97-105 (1983)	06.00	Jain K.	Jain K.	B 28, 206-207 (1982)	42.60
Hough J.	Robertson N.A.	B 39, 149-153 (1986)	07.60	Jain K.	Jain K.	B 26, 43-48 (1981)	42.55
Hribek P.	Hribek P.	B 29, 177 (1982)	42.60	Jain K.	Rice S.	A 33, 195-198 (1984)	81.60
Hsu S.C.	Hasselbach M.	B 28, 253-254 (1982)	42.65	Jain R.K.	Jain R.K.	B 35, 49-57 (1984)	42.65
Hu P.	Chu S.	B 28, 97 (1982)	42.65	Jain R.K.	Tom H.W.K.	B 26, 247 (1982)	42.65
Huang Z.	Lee W.	A 40, 35-38 (1986)	42.55	Jakeman E.	Jakeman E.	B 28, 125-131 (1981)	42.10
Hube M.	Krökel D.	B 37, 137-140 (1985)	42.55	Jakeman E.	Jordan D.L.	B 31, 179-186 (1983)	42.10
Huber G.	Beimowski A.	B 28, 234-235 (1982)	42.70	Jakeman E.	James J.V.	B 28, 90-91 (1982)	42.65
Huber G.	Pruss D.	B 28, 355-358 (1982)	42.55	Jannitti E.	Nicolosi P.	B 26, 117-124 (1981)	52.75
Huber G.	Struve B.	B 30, 117-120 (1983)	42.55	Janszky J.	Janszky J.	B 33, 79-82 (1984)	06.60
Huber G.	Struve B.	B 28, 235-236 (1982)	42.70	Jantsch W.	Wünstel K.	A 27, 251-256 (1982)	71.55
Huber G.	Struve B.	B 36, 195-201 (1985)	78.40	Jantz W.	Jantz W.	A 30, 109-115 (1983)	62.20
Hudgens J.W.	Hudgens J.W.	B 28, 117 (1982)	33.00	Jantz W.	Wettling W.	A 26, 19-22 (1981)	76.50
Hui L.	Liu S.	B 28, 146-147 (1982)	42.65	Jantz W.	Rupp G.	A 37, 73-82 (1985)	75.00
Humbbeck J.van	Segers D.	A 36, 179-182 (1985)	78.70	Janz H.	Nowak U.	A 35, 27-34 (1984)	07.65
Humphrey L.M.	Wokaun A.	B 28, 230-231 (1982)	68.00	Jaouen C.	Riviere J.P.	A 33, 77-82 (1984)	61.80
Humphries M.	Au M.-K.	B 33, 43-49 (1984)	82.50	Javanainen J.	Aminoff C.G.	B 28, 192-193 (1982)	07.65
Humphries M.R.	Harper P.G.	B 28, 185-186 (1982)	82.50	Jaworska D.	Jaworska D.	A 35, 119-124 (1984)	61.70
Hunsperger R.G.	Mentzer M.A.	A 32, 19-25 (1983)	61.80	Jean Y.C.	Jean Y.C.	A 35, 169-176 (1984)	78.70
Hunter L.	Bucksbaum P.	B 28, 280-281 (1982)	34.00	Jedju T.M.	Chu S.	B 28, 97 (1982)	42.65
Hunziker H.E.	Whittaker E.A.	B 35, 105-111 (1984)	07.65	Jelenski W.	Jelenski W.	A 36, 117-119 (1985)	78.60
Huo Y.S.	Huo Y.S.	B 38, 125-129 (1985)	42.65	Jelenski W.	Kusz J.	A 36, 43-46 (1985)	77.80
Hurst G.S.	Lehmann B.E.	B 28, 114 (1982)	33.00	Jena A.von	Jena A.von	B 26, 1-17 (1981)	33.50
Hussla I.	Lehdeberg J.	B 29, 184 (1982)	36.00	Jenkinson H.A.	Mentzer M.A.	A 32, 19-25 (1983)	61.80
Hutchinson M.H.R.	Damen M.J.	B 28, 159 (1982)	42.65	Jennings B.R.	Jennings B.R.	B 28, 241-241 (1982)	87.00
Hwu J.G.	Hwu J.G.	A 40, 41-46 (1986)	73.40	Jennings D.A.	Pollock C.R.	B 29, 153 (1982)	42.80
Iachello F.	Benjamin I.	B 28, 107 (1982)	42.50	Jennings D.A.	Pollock C.R.	B 28, 308-309 (1982)	42.70
Iacopini E.	Iacopini E.	A 32, 63-67 (1983)	42.80	Jethwa J.	Schäfer F.P.	B 28, 37-41 (1982)	82.00
Iacopini E.	Carosotto S.	B 36, 125-131 (1985)	42.80	Jewell J.L.	Gibbs H.M.	B 29, 171-172 (1982)	42.80
ibach H.	ibach H.	A 29, 113-124 (1982)	68.20	Jialin Jiang	Yulin Li	B 39, 107-110 (1986)	42.65
ibach H.	Kirschner J.	A 30, 177-183 (1983)	79.60	Jiang D.-S.	Jiang D.-S.	A 27, 213-218 (1982)	71.25
Ichikawa M.	Takahashi T.	A 26, 179-184 (1981)	72.20	Jiang D.-S.	Liang P.H.	A 26, 39-43 (1981)	81.10
Ignjatijevic D.	Mendas I.	B 39, 195-200 (1986)	42.60	Jianhua L.	Yulin Li	B 39, 107-110 (1986)	42.65
Ignjatijevic D.	Mendas I.	B 34, 1-4 (1984)	42.80	Jinguji K.	Tate A.	A 38, 221-226 (1985)	68.55
Iida M.	Yoshida S.	A 35, 145-148 (1984)	85.30	Jitschin W.	Jitschin W.	B 33, 7-8 (1984)	06.70
Ikawa Y.	Tsukakoshi M.	B 35, 135-140 (1984)	87.00	Johansson J.	Hautojärvi P.	A 27, 49-56 (1982)	61.70
Ikeda K.	Ikeda K.	B 28, 170-171 (1982)	42.50	John P.	Au M.-K.	B 33, 43-49 (1984)	82.50
Illingworth R.	Illingworth R.	B 29, 135-138 (1982)	06.00	Johnson III J.A.	Harper P.G.	B 28, 185-186 (1982)	82.50
Illingworth R.	Ruddock I.S.	B 29, 177-178 (1982)	42.65	Johnson K.C.	Johnson III J.A.	B 35, 237-241 (1984)	52.35
Illingworth R.	Ruddock I.S.	B 32, 7-8 (1983)	42.60	Johnson K.C.	Johnson K.C.	B 26, 247-249 (1981)	41.10
Imai Y.	Iyoda M.	B 28, 285-286 (1982)	42.55	Johnson K.C.	Johnson K.C.	B 26, 255 (1981)	41.10
Inaba H.	Chan K.	B 38, 11-15 (1985)	42.68	Johnston D.F.C.	Collins R.A.	A 40, 109-117 (1986)	61.80
Indebetouw G.	Indebetouw G.	B 27, 69-76 (1982)	42.30	Joliet M.C.	Szőrenyi T.	A 39, 251-255 (1986)	61.80
Indebetouw G.	Indebetouw G.	B 32, 21-24 (1983)	42.30	Jones C.R.	Moylan C.R.	A 40, 1-5 (1986)	81.15
Inguscio M.	Inguscio M.	B 28, 88-89 (1982)	42.65	Jones D.A.	Jones D.A.	B 27, 157-159 (1982)	42.65
Inguscio M.	Inguscio M.	B 40, 165-169 (1986)	06.00	Jones H.	Jones H.	B 30, 1-4 (1983)	33.00
Inguscio M.	Beverini N.	B 29, 161 (1982)	42.65	Jones P.L.	Mizugai Y.	B 32, 43-47 (1983)	33.20
Inguscio M.	Beverini N.	B 26, 57-60 (1981)	33.00	Jonietz A.	Jones P.L.	B 28, 196 (1982)	07.65
Inguscio M.	Beverini N.	B 37, 17-29 (1985)	32.00	Jopson R.M.	Kuhl J.	A 34, 105-110 (1984)	72.20
Inguscio M.	Allegrini M.	B 38, 255-257 (1985)	32.00	Jordan D.L.	Jordan D.L.	B 28, 203 (1982)	42.60
Intiguez J.	Intiguez J.	A 39, 287-289 (1986)	75.60	Joyce B.A.	Harris J.J.	B 31, 179-186 (1983)	42.10
Intiguez J.	Intiguez J.	A 36, 159-161 (1985)	75.30	Joyce B.A.	Neave J.H.	A 28, 63-71 (1982)	73.60
Intenberg L.	Intenberg L.	A 28, 59-62 (1982)	78.55	Joyce B.A.	Neave J.H.	A 34, 179-184 (1984)	68.55
Ioli N.	Ioli N.	B 38, 23-30 (1985)	42.55	Joyce B.A.	Neave J.H.	A 31, 1-8 (1983)	68.55
Ioli N.	Inguscio M.	B 40, 165-169 (1986)	06.00	Joyce B.A.	Whitehouse S.B.	A 26, 27-33 (1981)	82.65
Ippen E.P.	Haus H.A.	B 28, 161 (1982)	42.65	Joyce B.A.	Harris J.J.	A 33, 87-92 (1984)	73.60
Ippen E.P.	Haus H.A.	B 28, 283 (1982)	85.60	Joyce B.A.	Neave J.H.	A 32, 195-200 (1983)	73.60
Iqbal K.	Iqbal K.	B 27, 153-156 (1982)	33.00	Judge D.L.	Chen J.K.	B 33, 155-160 (1984)	42.60
Iqbal M.Z.	Arshed M.	A 40, 129-132 (1986)	71.55	Jue Q.L.	Shen S.C.	A 28, 215-221 (1982)	61.40
Iqbal M.Z.	Butt M.A.	A 32, 223-224 (1983)	71.55	Jung H.	Jung H.	A 35, 130 (1984)	78.65
Irion M.P.	Irion M.P.	B 27, 183-186 (1982)	35.00	Jung H.	Jung H.	A 33, 9-17 (1984)	81.15
Irion M.P.	Irion M.P.	B 27, 191-194 (1982)	35.00	Jung H.	Jung H.	A 33, 97-105 (1984)	78.65
Isrigler P.	Wagner D.	A 35, 9-12 (1984)	72.20	Jung H.	Jung H.	B 37, 83-87 (1985)	73.60
Isalgue A.	Isalgue A.	A 39, 221-225 (1986)	75.30	Jung H.	Künzel H.	B 28, 167-173 (1982)	68.55
Ischenko A.A.	Ischenko A.A.	B 32, 161-163 (1983)	82.20	Jurget R.	Hartung C.	A 27, 39-42 (1982)	07.65
Ishida Y.	Ishida Y.	B 38, 159-163 (1985)	42.55	Kabelka V.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00
Ishikawa N.	Yokoyama A.	B 38, 99-105 (1985)	33.80	Kabler M.N.	Royt T.R.	B 28, 210-211 (1982)	85.60
Ishikawa Y.	Ishikawa Y.	B 32, 85-92 (1983)	82.50	Kachru R.	Bjorklund G.C.	B 28, 300-301 (1982)	32.00
Ishikawa Y.	Sugita K.	B 36, 111-113 (1985)	82.50				

Kaczmarek E.	Figielski T.	A 38, 253-261 (1985)	61.70	Khan M.A.	Kruse P.W.	B 28, 95 (1982)	42.65
Kaesler W.	Neiger M.	B 37, 73-78 (1985)	42.55	Khelkhal M.	Khelkhal M.	B 29, 227-233 (1982)	86.70
Kafka J.D.	Sizer II Th.	B 28, 248 (1982)	42.55	Khoo I.C.	Khoo I.C.	B 28, 140-141 (1982)	42.65
Kaiser J.H.	Kaiser J.H.	B 39, 15-18 (1986)	07.60	Khoroshilova E.V.	Khoroshilova E.V.	B 31, 145-151 (1983)	82.00
Kaiser W.	Kopatsky B.	B 29, 15-18 (1982)	32.00	Khoroshilova E.V.	Letokhov V.S.	B 26, 243-245 (1981)	87.00
Kaiser W.	Polland H.J.	B 32, 53-57 (1983)	42.55	Kida T.	Morimoto J.	A 39, 197-202 (1986)	06.50
Kaiser W.	Wondrazek F.	B 32, 39-42 (1983)	42.60	Kiefer W.	Beckmann A.	B 28, 220-221 (1982)	82.50
Kaiser W.	Zinth W.	B 26, 77-88 (1981)	33.00	Kikas J.V.	Rebane L.A.	B 29, 235-250 (1982)	78.50
Kaivola M.	Aminoff C.G.	B 26, 133-140 (1981)	42.55	Kim C.-G.	Yun S.I.	B 40, 95-98 (1986)	42.68
Kaivola M.	Aminoff C.G.	B 28, 192-193 (1982)	07.65	Kim C.C.	Chen J.K.	B 33, 155-160 (1984)	42.60
Kajita M.	Tachikawa M.	B 39, 83-90 (1986)	42.55	Kim J.I.	Stumpe R.	B 34, 203-206 (1984)	78.60
Kajiyama K.	Kajiyama K.	B 38, 139-142 (1985)	81.15	Kindl P.	Schrepp W.	B 32, 207-209 (1983)	78.20
Kalbitzer S.	Müller G.	A 39, 243-250 (1986)	61.40	Kindl P.	Windscheif J.	A 30, 47-49 (1983)	78.60
Kalbitzer S.	Deng X.C.	A 33, 29-35 (1984)	72.20	Kindl P.	Puff W.	A 27, 257-261 (1982)	78.70
Kaldor A.	Rabinowitz P.	B 28, 187-188 (1982)	82.50	Kindt S.	Puff W.	A 32, 183-185 (1983)	78.70
Kaldor A.	Cox D.M.	B 28, 187 (1982)	82.50	Kindt S.	Ernst W.E.	B 31, 79-83 (1983)	35.80
Kaliakatsos J.A.	Kaliakatsos J.A.	A 31, 213-214 (1983)	78.55	King D.S.	Stephenson J.C.	B 28, 182-183 (1982)	82.50
Kalinowski J.	Kalinowski J.	A 31, 215-220 (1983)	78.60	Kingham D.R.	Kingham D.R.	A 34, 123-132 (1984)	79.70
Kalinowski J.	Kalinowski J.	A 37, 179-186 (1985)	71.35	Kingham D.R.	Kingham D.R.	A 36, 67-70 (1985)	68.10
Kalitzova M.	Danesh P.	A 39, 297-299 (1986)	61.10	Kingham D.R.	Kingham D.R.	A 31, 161-164 (1983)	79.70
Kalkert P.	Adams H.	B 34, 179-185 (1984)	07.00	King R.M.	Kubiak R.A.A.	A 37, 145-151 (1985)	61.80
Kalus J.	Pfeiffer J.	B 26, 173-177 (1981)	32.00	King R.M.	Kubiak R.A.A.	A 40, 7-12 (1986)	73.60
Kam T.T.	Egger H.	A 35, 41-45 (1984)	07.00	King T.A.	Cefalas A.C.	B 37, 159-164 (1985)	42.55
Kambli U.	Kam T.T.	A 35, 219-226 (1984)	61.70	King T.A.	Kvasnik F.	B 28, 129 (1982)	42.60
Kane D.M.	Kambli U.	A 36, 189-192 (1985)	61.40	King T.A.	Skippon S.M.	B 37, 223-227 (1985)	34.90
Kane D.M.	Kane D.M.	B 39, 171-178 (1986)	06.00	Kinney J.H.	Siekhaus W.J.	A 39, 163-166 (1986)	79.40
Kane D.M.	Kane D.M.	B 40, 147-151 (1986)	42.60	Kirschner J.	Kirschner J.	A 30, 177-183 (1983)	79.60
Kane E.L.	Jones D.A.	B 27, 157-159 (1982)	42.65	Kirschner J.	Kirschner J.	A 29, 133-139 (1982)	79.20
Kane T.	Eggleston J.M.	B 28, 236 (1982)	42.70	Kirschner J.	Kirschner J.	A 36, 121-123 (1985)	75.50
Kaneko M.	Kaneko M.	A 38, 281-284 (1985)	78.20	Kirsten D.	Pfeiffer J.	B 26, 173-177 (1981)	32.00
Kang N.K.	Kang N.K.	A 30, 95-104 (1983)	41.80	Kishida S.	Yokoyama H.	A 37, 25-30 (1985)	81.10
Kanh T.D.	Kanh T.D.	A 27, 95-97 (1982)	42.80	Kiskinova M.	Freyer N.	A 39, 209-219 (1986)	82.65
Kano S.D.	Kajiyama K.	B 38, 139-142 (1985)	81.15	Kiss J.G.	Bunkin F.V.	A 37, 117-119 (1985)	82.50
Kansara M.J.	Bhattacharya P.K.	A 39, 147-153 (1986)	79.20	Kitagawa M.	Kitagawa M.	A 26, 151-156 (1981)	78.60
Kaplan A.E.	Kaplan A.E.	B 28, 104 (1982)	42.50	Kivaisi R.T.	Kivaisi R.T.	A 27, 233-238 (1982)	78.20
Kaplan A.E.	Kaplan A.E.	B 28, 166-167 (1982)	42.50	Kivits P.	Kivits P.	A 26, 101-105 (1981)	42.30
Kaplan D.L.	McCall S.L.	B 28, 99-100 (1982)	42.65	Kiyashko V.A.	Kiyashko V.A.	B 30, 157-159 (1983)	42.65
Kaplan M.L.	Dautartas M.F.	A 36, 71-79 (1985)	42.30	Kiyashko V.A.	Kiyashko V.A.	B 36, 53-54 (1985)	42.65
Kar A.K.	Kar A.K.	B 29, 145-146 (1982)	42.55	Kjelberg I.	Behn R.	B 29, 143 (1982)	42.60
Kar A.K.	Harrison R.G.	B 28, 237-238 (1982)	42.55	Klages C.-P.	Doormann V.	A 34, 223-230 (1984)	78.65
Karak T.	Sawada R.	A 31, 109-114 (1983)	61.70	Kleineremanns K.	Kleineremanns K.	B 34, 5-9 (1984)	34.00
Karashev V.B.	Altshuler G.B.	B 32, 97-100 (1983)	42.65	Kleineremanns K.	Kleineremanns K.	B 36, 203-206 (1985)	82.30
Karczewski G.	Karczewski G.	A 29, 49-52 (1982)	78.20	Kleint Ch.	Beben J.	A 40, 79-84 (1986)	05.40
Karl N.	Warta W.	A 36, 163-170 (1985)	72.80	Klementyev V.M.	Chebotaev V.P.	B 36, 59-61 (1985)	42.60
Karlov N.V.	Karlov N.V.	B 36, 77-81 (1985)	42.65	Klementyev V.M.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60
Karner C.	Karner C.	B 38, 19-21 (1985)	68.00	Klimek D.E.	Klimek D.E.	B 34, 83-86 (1984)	33.50
Karpushko F.V.	Karpushko F.V.	B 28, 137 (1982)	42.65	Klimkiewicz M.	Karczewski G.	A 29, 49-52 (1982)	78.20
Kaschke M.	Kaschke M.	B 39, 183-186 (1986)	42.55	Klingenberg H.H.	Klingenberg H.H.	B 37, 145-149 (1985)	73.40
Kasper E.	Kasper E.	A 28, 129-135 (1982)	81.10	Kluge H.-J.	Kronert U.	B 38, 65-70 (1985)	42.80
Kassing R.	Voigtlaender K.	A 39, 31-36 (1986)	68.55	Knecht J.	Künzel H.	A 28, 167-173 (1982)	68.55
Kassing R.	Kassing R.	A 34, 41-47 (1984)	71.20	Knecht J.	Künzel H.	A 30, 73-81 (1983)	72.20
Kasuya T.	Suzuki T.	B 39, 247-250 (1986)	07.00	Knecht J.	Künzel H.	A 32, 69-78 (1983)	72.20
Kasuya T.	Taira Y.	B 27, 161-165 (1982)	07.45	Kneller E.	Geiss V.	A 27, 79-88 (1982)	75.50
Kasuya T.	Tsukakoshi M.	B 35, 135-140 (1984)	87.00	Kneller E.	Nest A.	A 27, 177-182 (1982)	75.30
Kathrein H.	Kathrein H.	A 30, 33-41 (1983)	61.70	Kneubühl F.K.	Rüeggsegger W.	B 31, 9-13 (1983)	52.70
Kato H.	Taira Y.	B 27, 161-165 (1982)	07.45	Kneubühl F.K.	Rüeggsegger W.	B 37, 115-135 (1985)	52.70
Kato H.	Itoh Y.	A 26, 227-230 (1981)	61.70	Kneubühl F.K.	Gnepf S.	B 28, 283-284 (1982)	42.80
Kato S.	Makide Y.	B 28, 341-348 (1982)	82.50	Kneubühl F.K.	Graf H.P.	B 28, 224-225 (1982)	82.50
Kato S.	Makide Y.	B 32, 33-34 (1983)	82.50	Kneubühl F.K.	Graf H.P.	B 31, 53-61 (1983)	82.50
Kato S.	Okuyama F.	A 38, 275-279 (1985)	68.55	Kneubühl F.K.	Fischer E.	B 29, 144 (1982)	42.55
Kato Y.	Kato Y.	B 29, 186-187 (1982)	52.00	Kneubühl F.K.	Fischer E.	B 38, 41-49 (1985)	34.00
Kato Y.	Yamanaka C.	B 28, 271 (1982)	52.00	Kneubühl F.K.	Preiswerk H.P.	B 28, 284 (1982)	42.55
Kaufmann U.	Windscheif J.	A 30, 47-49 (1983)	78.60	Kneubühl F.K.	Preiswerk H.P.	B 33, 115-131 (1984)	42.55
Kauppinen J.	Kauppinen J.	B 26, 193-195 (1981)	42.55	Kneubühl F.K.	Fischer E.	B 38, 79-89 (1985)	42.55
Kazantsev A.P.	Kazantsev A.P.	B 27, 83-91 (1982)	42.65	Knight P.L.	Coleman P.E.	B 28, 256 (1982)	36.20
Kazantsev A.P.	Chebotaev V.P.	B 36, 167-169 (1985)	32.00	Knipe R.H.	Fletcher A.N.	B 27, 93-97 (1982)	78.60
Kazarinov R.F.	Kazarinov R.F.	A 28, 151-160 (1982)	85.30	Knipe R.H.	Fletcher A.N.	B 29, 139-142 (1982)	78.60
Kazes E.	Sujatha N.	A 32, 55-61 (1983)	68.10	Knoesen A.	Knoesen A.	B 38, 171-178 (1985)	42.10
Kazes E.	Chung H.	A 36, 171-174 (1985)	41.80	Knox W.	Knox W.	B 28, 174-175 (1982)	42.60
Keck K.	Schulze H.-J.	A 34, 243-247 (1984)	74.90	Knystautas E.J.	Singh A.	A 40, 91-93 (1986)	68.25
Keck R.L.	Keck R.L.	B 28, 290-291 (1982)	50.00	Koch H.	Eichler H.J.	B 26, 49-56 (1981)	42.55
Keck R.L.	Seka W.	B 28, 290 (1982)	50.00	Koch H.	Eichler H.J.	B 36, 5-10 (1985)	42.55
Keilmann F.	Keilmann F.	A 29, 9-18 (1982)	42.40	Koch P.	Picque J.L.	B 28, 89 (1982)	42.65
Keilmann F.	Thomas S.	A 33, 247-250 (1984)	71.35	Koch T.L.	Koch T.L.	B 28, 217-218 (1982)	85.60
Keilmann F.	Keilmann F.	B 29, 184-185 (1982)	42.80	Kohl C.D.	Kohl C.D.	A 30, 127-145 (1983)	73.20
Keinonen J.	Keinonen J.	A 35, 227-232 (1984)	66.30	Kohles N.	Kohles N.	B 39, 141-147 (1986)	42.65
Keinonen J.	Keinonen J.	A 34, 49-56 (1984)	66.30	Kohn S.	Olmstead M.A.	A 32, 141-154 (1983)	73.00
Keinonen J.	Keinonen J.	A 40, 253-256 (1986)	66.30	Koidl P.	Jantz W.	A 30, 109-115 (1983)	62.20
Keinonen J.	Räisänen J.	A 36, 175-178 (1985)	66.30	Kojima H.	Kojima H.	B 30, 143-148 (1983)	33.00
Kellic R.	Nikolic R.	A 34, 199-203 (1984)	65.00	Kolarov G.V.	Cartaleva St.St.	B 40, 153-155 (1986)	42.60
Keller W.	Keller W.	A 31, 9-12 (1983)	61.70	Kolbe J.	Köster E.	B 35, 201-207 (1984)	42.65
Kelley R.F.	She C.Y.	B 33, 195-204 (1984)	06.30	Koma A.	Koma A.	A 34, 35-39 (1984)	79.20
Kempfer U.	Du Y.C.	A 39, 167-171 (1986)	42.60	Koma A.	Saiki K.	A 27, 263-268 (1982)	61.80
Kenawy M.A.	El-Shazly A.A.	A 36, 51-53 (1985)	78.50	Kompa K.L.	Schröder H.	A 38, 227-233 (1985)	33.00
Kerker M.	Wang D.-S.	B 29, 185 (1982)	42.80	Kompa K.L.	Alimpyev S.S.	B 35, 1-5 (1984)	82.50
Kern R.	Ehrhardt A.	A 31, 93-95 (1983)	75.00	Kompa K.L.	Irion M.P.	B 27, 183-186 (1982)	35.00
Kerr G.A.	Kerr G.A.	B 37, 11-16 (1985)	42.60	Kompa K.L.	Irion M.P.	B 27, 191-194 (1982)	35.00
Kes P.H.	Jackson D.J.	B 29, 166 (1982)	32.00	Kompa K.L.	Schröder H.	B 28, 180-181 (1982)	82.50
Kettler U.	Bechthold P.S.	B 28, 231 (1982)	36.40	Kompa K.L.	Stein H.	B 29, 189 (1982)	82.20
Khan H.R.	Zhou Xinming	A 34, 167-173 (1984)	61.40	Kompa K.L.	Wan C.	B 35, 123-126 (1984)	42.50

Kompa K.L.	Gu Z.-y.	B 31, 157-161 (1983)	42.55	Kühne M.	Fischer J.	B 32, 157-159 (1983)	52.75
Kondo T.	Okuyama F.	A 38, 275-279 (1985)	68.55	Kuhnert R.	Peschel W.	A 30, 59-62 (1983)	72.40
Kong F.	Reisler H.	B 28, 186 (1982)	82.50	Kukhtarev N.V.	Kukhtarev N.V.	B 35, 17-21 (1984)	42.70
Konishi N.	Taira Y.	B 27, 161-165 (1982)	07.45	Kukhtarev N.V.	Kukhtarev N.V.	A 33, 227-230 (1984)	42.40
Konopnicki M.J.	Konopnicki M.J.	B 28, 103 (1982)	42.50	Kukreja L.M.	Kukreja L.M.	A 36, 19-25 (1985)	61.40
Konov V.I.	Ursu I.	A 34, 133-138 (1984)	78.40	Kulich H.C.	Kukhtarev N.V.	B 35, 17-21 (1984)	42.70
Konov V.I.	Ursu I.	A 40, 227-233 (1986)	42.70	Kullmer R.	Castell R.	B 38, 1-10 (1985)	07.60
Kopainsky B.	Kopainsky B.	B 29, 15-18 (1982)	32.00	Kum C.	Yun S.I.	B 40, 95-98 (1986)	42.68
Kopiczynski T.	Fischer E.	B 38, 79-89 (1985)	42.55	Kumagai O.	Wünstel K.	A 27, 251-256 (1982)	71.55
Koprinkov I.G.	Koprinkov I.G.	B 33, 235-238 (1984)	42.55	Künzel H.	Künzel H.	A 30, 73-81 (1983)	72.20
Koprinkov I.G.	Dinev S.G.	B 39, 65-72 (1986)	42.60	Künzel H.	Künzel H.	A 28, 167-173 (1982)	68.55
Korecki J.	Gradmann U.	A 39, 101-108 (1986)	75.30	Künzel H.	Künzel H.	A 27, 1-10 (1982)	72.20
Koren D.	Koren D.	A 40, 13-23 (1986)	81.60	Künzel H.	Künzel H.	A 32, 69-78 (1983)	72.20
Koren G.	Koren G.	B 28, 188 (1982)	82.50	Künzel W.	Künzel W.	B 28, 233-234 (1982)	42.70
Koren G.	Koren G.	A 40, 215-217 (1986)	81.60	Künzi H.	Yli-Kaupilla J.	A 27, 31-33 (1982)	61.40
Kornilov S.	Kornilov S.	B 39, 135-140 (1986)	86.70	Kurata S.	Tsukakoshi M.	B 35, 135-140 (1984)	87.00
Korotchenkov A.I.	Korotchenkov A.I.	A 27, 121-124 (1982)	64.00	Kurihara O.	Takeuchi K.	B 37, 67-72 (1985)	82.50
Koroteev N.I.	Zadkov V.N.	B 34, 167-170 (1984)	42.65	Kurizki G.	Kurizki G.	B 29, 157-158 (1982)	42.55
Korpium P.	Korpium P.	B 30, 121-129 (1983)	07.65	Kurosawa T.	Kurosawa T.	B 34, 49-53 (1984)	42.65
Kosasa K.	Kojima H.	B 30, 143-148 (1983)	33.00	Kurosuo T.	Yoshida S.	A 35, 145-148 (1984)	85.30
Kostenich V.	Efendiev T.Sh.	B 28, 171 (1982)	42.50	Kurz H.	Malvezzi A.M.	A 36, 143-146 (1985)	79.60
Kostenich Yu.V.	Efendiev T.Sh.	B 33, 167-169 (1984)	42.50	Kurz H.	Liu J.M.	A 34, 25-29 (1984)	64.70
Koster A.	Koster A.	A 26, 231-238 (1981)	63.00	Kurz H.	Yen R.	A 27, 153-160 (1982)	78.20
Koster A.	Martinot P.	B 29, 172-173 (1982)	42.80	Kussler M.	Polland H.J.	B 32, 53-57 (1983)	42.55
Koster D.F.	Zitter R.N.	B 30, 19-21 (1983)	82.50	Küstters K.-H.	Sauer R.	A 36, 1-13 (1985)	78.55
Koster D.F.	Zitter R.N.	B 30, 79-81 (1983)	82.50	Kusz J.	Kusz J.	A 36, 43-46 (1985)	77.80
Köster E.	Köster E.	B 29, 167 (1982)	33.00	Kusz J.	Jelenski W.	A 36, 117-119 (1985)	78.60
Köster E.	Köster E.	B 35, 201-207 (1984)	42.65	Kutschke K.O.	Gauthier M.	B 35, 173-177 (1984)	82.50
Köstlin H.	Frank G.	A 27, 197-206 (1982)	73.60	Kuze H.	Mizugai Y.	B 32, 43-47 (1983)	33.20
Köszegi L.	Köszegi L.	A 34, 95-103 (1984)	75.50	Kuzmina N.P.	Khoroshilova E.V.	B 31, 145-151 (1983)	82.00
Kotov G.A.	Gerassimov R.B.	B 28, 266 (1982)	82.00	Koznetsov V.I.	Alexandrescu R.	B 29, 182-183 (1982)	36.00
Kovacs J.	Bakos J.S.	A 37, 247-249 (1985)	42.65	Kvasnik F.	Kvasnik F.	B 28, 129 (1982)	42.60
Kowalski F.V.	Drever R.W.P.	B 31, 97-105 (1983)	06.00	Kwok H.S.	Hasselbach M.	B 28, 253-254 (1982)	42.65
Kowalski J.	Englert M.	B 28, 81-82 (1982)	42.65				
Kowalski J.	Gawlik W.	B 28, 84-85 (1982)	42.65	Labarta A.	Isalgue A.	A 39, 221-225 (1986)	75.30
Kowalski M.	Strzakowski I.	A 40, 123-127 (1986)	73.40	Labib H.H.A.	Abou El Ela A.H.	A 26, 171-173 (1981)	72.20
Kozlova E.K.	Bunkin F.V.	B 37, 117-119 (1985)	82.50	Labib H.H.A.	Abou El Ela A.H.	A 26, 203-206 (1981)	61.20
Kozlov S.A.	Altshuller G.B.	B 32, 97-100 (1983)	42.65	Labid H.H.A.	Abou El Ela A.H.	A 27, 161-165 (1982)	72.20
Kramer D.	Lehmann B.E.	B 28, 114 (1982)	33.00	Labrie D.	Andreoni A.	B 28, 243-244 (1982)	87.00
Kranz J.	Kranz J.	B 34, 139-143 (1984)	42.80	Lact L.de	Reid J.	B 26, 203-210 (1981)	07.65
Kranz J.	Kranz J.	A 31, 59-63 (1983)	78.20	Laflere W.H.	Sande M.van	A 40, 257-261 (1986)	29.00
Kranz J.	Kaiser J.H.	B 39, 15-18 (1986)	07.60	Lakhtakia A.	Hanselaar P.L.	A 39, 129-133 (1986)	73.30
Krasser W.	Bechthold P.S.	B 28, 231 (1982)	36.40	Lakhtakia A.	Lakhtakia A.	B 39, 260 (1986)	41.00
Krätzig E.	Kukhtarev N.V.	B 35, 17-21 (1984)	42.70	Lakhtakia A.	Lakhtakia A.	B 36, 163-165 (1985)	41.00
Krätzig E.	Vollmer J.	A 32, 125-127 (1983)	42.80	Lakhtakia A.	Lakhtakia M.N.	B 39, 191-193 (1986)	07.62
Krause N.	Krause N.	A 30, 67-71 (1983)	85.25	Lakhtakia M.N.	Lakhtakia M.N.	B 39, 191-193 (1986)	07.62
Krause N.	Uzel Y.	A 30, 185-187 (1983)	85.25	Lakshman S.V.J.	Lakshman S.V.J.	A 38, 285-291 (1985)	42.55
Kräuter W.	Kräuter W.	A 31, 13-18 (1983)	81.15	Lalanne J.R.	Pouiligny B.	B 28, 178-179 (1982)	42.60
Kräuter W.	Petzoldt F.	A 35, 155-159 (1984)	81.15	Laloust P.	Jones D.A.	B 27, 157-159 (1982)	42.65
Kräutle H.	Kräutle H.	A 38, 49-56 (1985)	66.30	Lalouf A.	Leduc M.	B 28, 308 (1982)	42.70
Kravchenko V.A.	Alexandrescu R.	B 29, 182-183 (1982)	36.00	Lam J.F.	Lam J.F.	B 28, 190-191 (1982)	07.65
Kreuer K.D.	Kreuer K.D.	A 32, 155-158 (1983)	66.30	Lam J.F.	Steel D.G.	B 28, 160-161 (1982)	42.65
Kreuer K.D.	Kreuer K.D.	A 32, 45-53 (1983)	66.30	Lampert M.O.	Toulemonde M.	A 36, 31-36 (1985)	65.00
Krieger W.	Krieger W.	B 28, 265 (1982)	78.00	Lampracht H.	Schröder H.	B 28, 180-181 (1982)	82.50
Krieger W.	Pfab J.	B 28, 112 (1982)	33.00	Lamy J.van	Bender H.	A 39, 83-90 (1986)	61.50
Krimmel E.F.	Krimmel E.F.	A 38, 109-115 (1985)	82.50	Lang B.	Lang B.	A 39, 95-99 (1986)	61.80
Krimmel E.F.	Langfeld R.	A 33, 251-254 (1984)	61.70	Langbein U.	Langbein U.	B 36, 187-193 (1985)	42.82
Krishnan Gandhi K.R.	Krishna-Gandhi K.R.	A 28, 119-122 (1982)	71.25	Langbein U.	Langbein U.	B 38, 263-268 (1985)	42.82
Krishnan R.	Laridjani M.	A 34, 111-115 (1984)	61.40	Langbein U.	Biehlig W.	B 30, 87-94 (1983)	42.40
Krökel D.	Rupp G.	A 37, 73-82 (1985)	75.00	Langbein U.	Lederer F.	B 31, 69-73 (1983)	42.82
Kronast B.	Krökel D.	B 37, 137-140 (1985)	42.55	Langbein U.	Lederer F.	B 31, 187-190 (1983)	42.82
Kronast B.	Gellert B.	B 33, 29-41 (1984)	52.35	Langelaar J.	Langelaar J.	B 28, 274-275 (1982)	42.80
Kronast B.	Gellert B.	B 32, 175-186 (1983)	52.25	Langer H.	Dreyfus R.W.	B 28, 292-293 (1982)	34.00
Krönert U.	Krönert U.	B 38, 65-70 (1985)	42.80	Langer J.J.	Langer J.J.	A 34, 195-198 (1984)	66.10
Kronmüller H.	Fernengel W.	A 28, 137-144 (1982)	61.40	Langer J.J.	Langer J.J.	A 38, 59-60 (1985)	66.10
Kronmüller H.	Köszegi L.	A 34, 95-103 (1984)	75.50	Langer J.M.	Godlewski M.	A 30, 105-107 (1983)	76.30
Kronmüller H.	Dong X.-Z.	A 28, 103-107 (1982)	75.30	Lange W.	Mlynek J.	B 28, 135 (1982)	42.65
Krotkus A.	Dobrovolskis Z.	A 39, 135-139 (1986)	72.20	Lange W.	Scholz R.	B 28, 191-192 (1982)	07.65
Krotkus A.	Adomaitis E.	A 38, 145-149 (1985)	72.20	Lange W.	Köster E.	B 35, 201-207 (1984)	42.65
Krumme J.-P.	Dormann V.	A 34, 223-230 (1984)	78.65	Langfeld R.	Langfeld R.	A 33, 251-254 (1984)	61.70
Kruse P.W.	Kruse P.W.	B 28, 95 (1982)	42.65	Langhoff H.	Walter W.	B 35, 11-15 (1984)	42.55
Krylov K.I.	Altshuller G.B.	B 32, 97-100 (1983)	42.65	Langhoff H.	Dwivedi H.	A 39, 155-158 (1986)	81.60
Ksienski D.A.	Ksienski D.A.	B 38, 225-231 (1985)	42.68	Langhoff H.	Schätzlein E.	B 27, 49-55 (1982)	42.55
Ku H.C.	Meisner G.P.	A 31, 201-212 (1983)	74.00	Lankard J.R.	Schell-Sorokin A.J.B.	B 28, 226-227 (1982)	82.50
Ku Y.K.	Chiu M.S.	B 37, 63-65 (1985)	82.65	Lapierre Y.	Billardon M.	B 39, 9-14 (1986)	42.65
Kubecak V.	Hribek P.	B 29, 177 (1982)	42.60	Lappalainen R.	Lappalainen R.	A 35, 131-134 (1984)	66.30
Kubiak R.A.A.	Kubiak R.A.A.	A 35, 61-66 (1984)	81.10	Laptev V.V.	Struve B.	B 30, 117-120 (1983)	42.55
Kubiak R.A.A.	Kubiak R.A.A.	A 35, 75-77 (1984)	73.60	Laptev V.V.	Struve B.	B 28, 235-236 (1982)	42.70
Kubiak R.A.A.	Kubiak R.A.A.	A 37, 145-151 (1985)	61.80	Laptev V.V.	Beimowski A.	B 28, 234-235 (1982)	42.70
Kubiak R.A.A.	Kubiak R.A.A.	A 40, 7-12 (1986)	73.60	Laptev V.V.	Pruss D.	B 28, 355-358 (1982)	42.55
Kubin R.F.	Fletcher A.N.	B 30, 195-202 (1983)	78.60	Laridjani M.	Laridjani M.	A 34, 111-115 (1984)	61.40
Kubatova J.	Chab V.	A 39, 67-71 (1986)	71.20	Last I.	Grexa M.	B 35, 145-148 (1984)	42.80
Kuchar F.	Kuchar F.	A 33, 83-85 (1984)	73.60	Last I.	Last I.	B 28, 102 (1982)	42.50
Kudriavtsev E.M.	Bakanov D.G.	B 28, 288 (1982)	42.55	Laszlo J.	Nagy I.	A 31, 153-155 (1983)	34.00
Kudriavtsev Yu.A.	Kudriavtsev Yu.A.	B 29, 219-221 (1982)	07.75	Lattes A.	Haus H.A.	B 28, 161 (1982)	42.65
Kuhl J.	Kuhl J.	A 34, 105-110 (1984)	72.20	Lattes A.	Haus H.A.	B 28, 283 (1982)	85.60
Kuhl J.	Hermes P.	A 39, 9-11 (1986)	79.40	Lau F.	Lau F.	A 40, 101-107 (1986)	61.70
Kuhl J.	Kuhl J.	B 28, 251 (1982)	34.00	Lau K.Y.	Harder Ch.	B 28, 139-140 (1982)	42.65
Kühlke D.	Kühlke D.	B 38, 233-240 (1985)	42.55	Lau S.S.	Lien C.-D.	A 34, 249-251 (1984)	68.55
Kühlke D.	Kühlke D.	B 34, 129-137 (1984)	33.50	Lau S.S.	Lien C.-D.	A 36, 153-157 (1985)	68.55

Laubereau A.	Zinth W.	B 26, 77-88 (1981)	33,00	Li S.	Zwui S.	A 39, 65-66 (1986)	61,70
Laubereau A.	Reiser D.	B 27, 115-122 (1982)	33,00	Liang P.	Liang P.	B 28, 144 (1982)	42,65
Laubereau A.	Reiser D.	B 28, 177-178 (1982)	42,60	Liang P.H.	Liang P.H.	A 26, 39-43 (1981)	81,10
Laubereau A.	Graener H.	B 29, 213-218 (1982)	34,00	Lian J.-Y.	Chang Y.-J.	A 36, 221-227 (1985)	61,10
Laubereau A.	Laubereau A.	B 34, 23-28 (1984)	35,80	Liao P.-Y.	Wokaun A.	B 28, 229 (1982)	82,65
Laubereau A.	Telle H.R.	B 34, 43-48 (1984)	35,80	Liao P.F.	Liao P.F.	B 27, 153-156 (1982)	33,00
Laubereau A.	Kohles N.	B 39, 141-147 (1986)	42,65	Lieb S.G.	Iqbal K.	A 35, 47-50 (1984)	68,55
Laubereau A.	Aechtner P.	B 40, 133-139 (1986)	42,55	Lien C.-D.	Lien C.-D.	A 34, 249-251 (1984)	68,55
Laude L.D.	Laude L.D.	A 40, 133-143 (1986)	86,84	Lien C.-D.	Lien C.-D.	A 36, 153-157 (1985)	68,55
Laude L.D.	Failly-Lovato M.	A 29, 163-168 (1982)	72,40	Lien C.-D.	Lien C.-D.	B 27, 1-3 (1982)	33,20
Laval S.	Martinet P.	B 29, 172-173 (1982)	42,80	Lieto A.di	Lieto A.di	B 33, 57-61 (1984)	33,00
Laval S.	Koster A.	A 26, 231-238 (1981)	63,00	Likhachev V.S.	Chekalin S.V.	B 28, 206-207 (1982)	42,60
Lawandy N.M.	Lawandy N.M.	B 27, 177-181 (1982)	42,55	Lin B.J.	Jain K.	B 29, 168 (1982)	42,65
Lawandy N.M.	Robinson D.W.	B 26, 61-66 (1981)	33,00	Lin C.	Pini R.	B 26, 227-229 (1981)	42,60
Lawrence P.	Outhouse A.	B 36, 63-75 (1985)	82,50	Lin F.-C.	Zhu X.-h.	B 29, 111-115 (1982)	42,60
Lax B.	Seiler D.G.	B 28, 147 (1982)	42,65	Lin F.-C.	Zhu X.-h.	B 31, 63-67 (1983)	42,65
Laxhuber L.A.	Laxhuber L.A.	A 39, 173-181 (1986)	68,25	Lin L.H.	Morita N.	B 39, 61-63 (1986)	82,30
Layet J.M.	Derrien J.	B 28, 247-250 (1982)	68,55	Lin M.C.	Umstead M.E.	B 28, 117 (1982)	33,00
Lazzaro P.di	Lazzaro P.di	A 39, 131-134 (1986)	42,60	Lin M.C.	Hudgens J.W.	B 39, 55-59 (1986)	82,30
Leal Ferreira G.F.	Gross B.	A 37, 89-94 (1985)	72,20	Lin M.C.	Umstead M.E.	B 38, 219-224 (1985)	82,30
LeComber P.G.	French I.D.	A 31, 19-22 (1983)	61,40	Lin M.C.	Lin S.-C.	B 40, 15-23 (1986)	34,80
LeComber P.G.	Snell A.J.	A 26, 83-86 (1981)	85,30	Lin S.-C.	Henke W.E.	B 28, 277-278 (1982)	33,00
LeComber P.G.	Snell A.J.	A 34, 175-178 (1984)	61,40	Lin S.H.	Lin T.X.	B 26, 73-76 (1981)	42,55
LeComber P.G.	Mackenzie K.D.	A 31, 87-92 (1983)	61,40	Lin T.X.	Wang Z.G.	B 37, 233-238 (1985)	42,55
Lederer F.	Lederer F.	B 31, 69-73 (1983)	42,82	Lin Y.Q.	Lindberg M.	B 28, 259-260 (1982)	42,80
Lederer F.	Lederer F.	B 31, 187-190 (1983)	42,82	Lindberg M.	Linde D.von der	B 39, 201-217 (1986)	42,55
Lederer F.	Langbein U.	B 38, 263-268 (1985)	42,82	Linde D.von der	Linde D.von der	B 29, 182 (1982)	42,80
Lederer F.	Biehlig W.	B 30, 87-94 (1983)	42,40	Linde D.von der	Linde D.von der	B 37, 1-6 (1985)	42,55
Lederer F.	Langbein U.	B 36, 187-193 (1985)	42,82	Linde D.von der	Hermes P.	A 39, 9-11 (1986)	79,40
Leduc M.	Leduc M.	B 28, 308 (1982)	42,70	Linde D.von der	Danielz B.	B 38, 31-36 (1985)	42,20
Lee Chi-L.	Cao W.-L.	B 28, 213-214 (1982)	85,60	Linde D.von der	Kühlke D.	B 38, 233-240 (1985)	42,55
Lee Chi H.	Burdge G.L.	B 28, 197 (1982)	07,65	Linderoth S.	Linderoth S.	A 33, 25-28 (1984)	78,70
Lee Chi H.	Li M.G.	B 28, 252-253 (1982)	42,80	Linderoth S.	Hansen H.E.	A 29, 99-103 (1982)	78,70
Lee Ching T.	Lee Ching T.	B 35, 113-118 (1984)	42,80	Linderoth S.	Hansen H.E.	A 27, 247-250 (1982)	78,70
Lee F.W.	Collins C.B.	B 28, 203-204 (1982)	42,60	Lingenfelder Ch.	Baltz R.von	A 32, 13-18 (1983)	42,30
Lee L.-S.	Rand S.C.	B 28, 282 (1982)	42,80	Linnbach E.	Kleinermanns K.	B 36, 203-206 (1985)	82,30
Lee P.H.Y.	Xu Z.-z.	B 28, 294-295 (1982)	32,50	Liphardt B.	Liphardt B.	B 29, 73-77 (1982)	82,00
Lee R.A.	Lee R.A.	A 29, 81-82 (1982)	42,82	Liphardt B.	Liphardt B.	B 29, 73-77 (1982)	82,00
Lee W.	Lee W.	B 40, 35-38 (1986)	42,55	Lipinski E.	Baczewski L.T.	A 30, 213-216 (1983)	61,40
Lee Y.	Schäfer F.P.	B 32, 123-125 (1983)	42,60	Lippitsch M.E.	Leitner A.	B 36, 105-109 (1985)	82,65
Lefevre H.	Wang Y.	A 30, 123-126 (1983)	61,70	Lischka K.	Lischka K.	A 29, 177-189 (1982)	71,55
Leggieri G.	Lefevre H.	A 29, 105-111 (1982)	71,55	Lisi F.	Arecchi F.T.	B 28, 167-168 (1982)	42,50
Lehmann B.E.	D'Anna E.	A 40, 183-190 (1986)	68,55	Litfin G.	Litfin G.	B 28, 134 (1982)	42,65
Leitner A.	Lehmann B.E.	B 28, 114 (1982)	33,00	Liu J.-b.	Zhu X.-h.	B 29, 111-115 (1982)	42,60
Lemaire J.	Leitner A.	B 29, 105-109 (1985)	82,65	Liu J.-b.	Liu J.-b.	B 29, 251-253 (1982)	42,55
Leonard J.M.	Khelkhal M.	B 29, 227-233 (1982)	86,70	Liu J.-b.	Liu J.-b.	B 32, 211-215 (1983)	42,55
Lenth W.	Floch A.le	B 28, 303-304 (1982)	32,00	Liu J.-b.	Zhu X.-h.	B 29, 291-292 (1982)	42,55
Lenth W.	Bjorklund G.C.	B 28, 300-301 (1982)	32,00	Liu J.M.	Liu J.M.	A 34, 25-29 (1984)	64,70
Lenth W.	Bjorklund G.C.	B 32, 145-152 (1983)	07,65	Liu S.	Yen R.	A 27, 153-160 (1982)	78,20
Leonberger F.J.	Haus H.A.	B 28, 299-300 (1982)	32,00	Liu S.	Liu S.	B 28, 146-147 (1982)	42,65
Leonberger F.J.	Haus H.A.	B 28, 283 (1982)	85,60	Liu X.H.	Deng X.C.	A 33, 29-35 (1984)	72,20
Lerberghe A.van	Borde Ch.J.	B 28, 161 (1982)	42,65	Lizzio R.	Stagni L.	A 30, 217-221 (1983)	61,70
Lerberghe A.van	Boulois J.L.	B 28, 82-83 (1982)	42,65	Lloyd S.A.	Umstead M.E.	B 39, 55-59 (1986)	82,30
Lerberghe A.van	Salomon Ch.	B 29, 162-163 (1982)	33,00	Lloyd S.A.	Umstead M.E.	B 38, 219-224 (1985)	82,30
Letokhov V.S.	Letokhov V.S.	B 29, 153-155 (1982)	42,80	Lo D.	Lin S.-C.	B 40, 15-23 (1986)	34,80
Letokhov V.S.	Letokhov V.S.	B 26, 243-245 (1981)	87,00	Lo Savio M.	Lo Savio M.	A 39, 269-271 (1986)	81,15
Letokhov V.S.	Letokhov V.S.	B 28, 243 (1982)	87,00	Löhneysen H.von	Schink H.J.	A 36, 15-18 (1985)	65,00
Letokhov V.S.	Antonov V.S.	B 28, 245 (1982)	82,65	Lomp R.A.	Liu J.M.	A 34, 25-29 (1984)	64,70
Letokhov V.S.	Kudriavtsev Yu.A.	B 29, 219-221 (1982)	07,75	Long G.R.	Long G.R.	B 34, 97-106 (1984)	82,50
Letokhov V.S.	Zherikhin A.N.	B 30, 47-52 (1983)	32,00	Long J.P.	Royt T.R.	B 28, 210-211 (1982)	85,60
Letokhov V.S.	Bekov G.I.	B 30, 161-176 (1983)	32,00	Longoni A.	Andreoni A.	B 28, 173-174 (1982)	42,60
Letokhov V.S.	Khoroshilova E.V.	B 31, 145-151 (1983)	82,00	Louie S.A.	Maldonado C.D.	A 27, 219-231 (1982)	61,70
Letokhov V.S.	Balykin V.I.	B 33, 247-251 (1984)	07,65	Louisell W.H.	Becker W.	B 28, 310 (1982)	42,60
Letokhov V.S.	Chekalin S.V.	B 33, 57-61 (1984)	33,00	Loureiro V.	Brito Cruz C.H.	B 35, 131-133 (1984)	42,55
Letokhov V.S.	Balykin V.I.	B 35, 149-153 (1984)	42,65	Lourtioz J.-M.	Wazen P.	B 32, 105-111 (1983)	42,55
Letokhov V.S.	Evseev A.V.	B 36, 93-103 (1985)	82,50	Lovingar A.J.	Dautartas M.F.	A 36, 71-79 (1985)	42,30
Letzring S.	Richardson M.C.	B 28, 296 (1982)	42,60	Lowdermilk W.H.	Siekhaus W.J.	B 28, 142-143 (1982)	42,65
Leuchs G.	Leuchs G.	B 28, 87 (1982)	42,65	Loy M.M.T.	Chi C.C.	B 28, 306 (1982)	68,00
Leung C.-Y.	Leung C.-Y.	B 27, 201-205 (1982)	42,10	Loy M.M.T.	Zacharias H.	B 28, 113-114 (1982)	33,00
Leupacher W.	Leupacher W.	B 29, 263-267 (1982)	42,55	Loy M.M.T.	Schell-Sorokin A.J.	B 28, 226-227 (1982)	82,50
Leupacher W.	Leupacher W.	B 36, 25-31 (1985)	42,65	Lu M.	Lu M.	B 28, 255 (1982)	42,55
Levenson M.D.	Levenson M.D.	B 28, 206 (1982)	42,60	Lu Y.C.	Bauerle D.	A 30, 147-149 (1983)	81,15
Levenson M.D.	Bjorklund G.C.	B 28, 299-300 (1982)	32,00	Lu Z.-m.	Zhang S.-y.	A 40, 119-122 (1986)	62,00
Levenson M.D.	Chiang K.	B 29, 23-30 (1982)	42,65	Lubanski M.	Preiswerk H.P.	B 33, 115-131 (1984)	42,55
Levenson M.D.	Bjorklund G.C.	B 32, 145-152 (1983)	07,65	Lubitz K.	Eyett M.	A 40, 235-239 (1986)	81,30
Levine R.D.	Benjamin I.	B 28, 107 (1982)	42,50	Lucas A.A.	Miskovsky N.M.	A 27, 139-147 (1982)	68,00
Levush B.	Gell Y.	B 27, 15-18 (1982)	41,00	Lucchini E.	Albanese G.	A 26, 45-50 (1981)	75,50
Levy D.	Levy D.	A 35, 141-144 (1984)	68,55	Luches A.	Luches A.	B 40, 115-120 (1986)	42,55
Levy D.	Levy D.	A 38, 23-29 (1985)	68,55	Luchini P.	Luchini P.	A 40, 183-190 (1986)	68,55
Lewis-Bevan W.	Jones H.	B 30, 1-4 (1983)	33,00	Luchini P.	Luchini P.	B 28, 15-20 (1982)	42,55
Lewowski T.	Lewowski T.	A 34, 67-68 (1984)	79,40	Luchini P.	Luchini P.	B 37, 47-54 (1985)	41,00
Ley L.	Liang P.H.	A 26, 39-43 (1981)	81,10	Lucia F.C.de	Skatrud D.D.	B 35, 179-193 (1984)	42,55
Ley R.	Gräff G.	A 33, 59-62 (1984)	29,25	Lucuta P.G.	Lucuta P.G.	B 37, 237-242 (1985)	61,10
Leyendecker G.	Leyendecker G.	A 30, 237-243 (1983)	33,20	Ludewig K.	Ludewig K.	B 33, 133-139 (1984)	33,80
Leyendecker G.	Bauerle D.	A 30, 147-149 (1983)	81,15	Lugar M.	Cingolani A.	B 28, 211-212 (1982)	85,60
Leyendecker G.	Bauerle D.	B 28, 267-268 (1982)	81,15	Lugiatto L.A.	Lugiatto L.A.	B 28, 164 (1982)	42,50
Leyendecker G.	Doppelbauer J.	B 33, 141-147 (1984)	33,20	Lugiatto L.A.	Arimondo E.	B 30, 57-77 (1983)	42,55
Li C.-I.	Stephenson J.C.	B 28, 182-183 (1982)	82,50	Luhs W.	Strini G.	B 28, 109 (1982)	42,50
Li M.G.	Li M.G.	B 28, 252-253 (1982)	42,80		Wellegehausen B.	B 28, 195-196 (1982)	07,65
Li Q.	Liu S.	B 28, 146-147 (1982)	42,65				

Luhs W.	Krökel D.	B 37, 137-140 (1985)	42.55	Marowsky G.	Dreier T.	B 29, 31-36 (1982)	42.65
Luk T.S.	Srinivasan T.	B 28, 198-199 (1982)	42.60	Marowsky G.	Marowsky G.	B 29, 146-147 (1982)	42.60
Luk'yanchuk B.S.	Bunkin F.V.	A 37, 117-119 (1985)	82.50	Marowsky G.	Schultz A.	B 29, 255-262 (1982)	42.65
Luk'yanchuk B.S.	Bunkin N.F.	A 40, 159-162 (1986)	66.30	Marowsky G.	Marowsky G.	B 34, 69-72 (1984)	42.65
Lukinykh V.F.	Lukinykh V.F.	B 38, 143-146 (1985)	42.65	Marowsky G.	Gierulski A.	B 36, 133-135 (1985)	42.65
Luk T.S.	Srinivasan T.	B 28, 198-199 (1982)	42.60	Marowsky G.	Marowsky G.	B 37, 205-207 (1985)	42.55
Lunt A.C.	Bethune D.S.	B 40, 107-113 (1986)	42.65	Marowsky G.	Dick B.	B 38, 107-116 (1985)	42.65
Luryi S.	Kazarinov R.F.	A 28, 151-160 (1982)	85.30	Marowsky G.	Marowsky G.	B 39, 47-53 (1986)	42.65
Lüth H.	Ritz A.	A 31, 75-80 (1983)	71.00	Martin-Pereda J.A.	Martin-Pereda J.A.	B 28, 138 (1982)	42.65
Lüth H.	Ritz A.	A 34, 31-33 (1984)	68.45	Martini F.de	Martini F.de	B 28, 153 (1982)	42.55
Lüth H.	Ritz A.	A 33, 37-41 (1984)	68.20	Martini F.de	Brito Cruz C.H.	B 28, 175 (1982)	42.60
Lüthy W.	Henchoz P.-D.	B 38, 165-169 (1985)	34.00	Martini F.de	Brito Cruz C.H.	B 35, 95-104 (1984)	42.60
Lüthy W.	Schmiele R.	B 29, 201-203 (1982)	42.55	Martino A.de	Martino A.de	B 28, 180 (1982)	82.50
Lüthy W.	Lüthy W.	B 40, 121-132 (1986)	42.55	Martinot P.	Martinot P.	B 29, 172-173 (1982)	42.80
Lutsch A.G.K.	Krimmel E.F.	A 38, 109-115 (1985)	82.50	Martin W.	Eichler H.J.	B 26, 49-56 (1981)	42.55
Lüttke W.	Liphardt B.	B 29, 73-77 (1982)	82.00	Maruyama Y.	Arisawa T.	B 28, 73-76 (1982)	35.00
Lux-Stainer M.Ch.	Bucher E.	A 40, 71-77 (1986)	73.40	Maruyama Y.	Kojima H.	B 30, 143-148 (1983)	33.00
Lydtin H.	Bauerle D.	B 28, 267-268 (1982)	81.15	Maruyama Y.	Ishida Y.	B 38, 159-163 (1985)	42.55
Lydtin H.	Leyendecker G.	A 30, 237-243 (1983)	33.20	Marvasti M.H.	Hamadani S.M.	B 29, 186 (1982)	42.60
Lynn K.G.	Lynn K.G.	A 29, 93-98 (1982)	78.70	Marx N.J.	Polland H.J.	B 32, 53-57 (1983)	42.55
Lynn K.G.	Lynn K.G.	A 37, 31-36 (1985)	61.70	Maslov A.V.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00
Lynn K.G.	Lynn K.G.	A 38, 293 (1985)	61.70	Mascher P.	Puff W.	A 27, 257-261 (1982)	78.70
Lynn K.G.	Vehanen A.	A 32, 163-167 (1983)	78.70	Mascher P.	Puff W.	A 32, 183-185 (1983)	78.70
Lyszyk M.	Khelkhal M.	B 29, 227-233 (1982)	86.70	Masci D.	Schröder H.	A 38, 227-233 (1985)	33.00
Ma L.-S.	Hough J.	B 33, 179-185 (1984)	06.00	Mashev L.	Mashev L.	B 28, 349-353 (1982)	42.80
Ma L.S.	Wang Z.G.	B 37, 233-238 (1985)	42.55	Mashev L.	Mashev L.	A 26, 143-149 (1981)	42.80
Ma Xingxiao	Zhang Linyang	B 39, 117-129 (1986)	33.80	Mashkova E.S.	Balashova L.L.	A 28, 189-194 (1982)	79.20
Ma Z.G.	Shahdin S.	B 29, 195-200 (1982)	42.55	Mashni M.	Mashni M.	B 29, 205-211 (1982)	33.00
Maass W.	Maass W.	A 32, 79-85 (1983)	85.00	Mashni M.	Mashni M.	B 28, 224 (1982)	82.50
Maaswinkel A.G.M.	Eidmann K.	B 28, 295 (1982)	42.60	Masilamani V.	Masilamani V.	B 37, 35-39 (1985)	42.55
MacFarlane R.M.	Shelby R.M.	B 28, 262 (1982)	78.00	Maßmann F.	Eichler H.J.	B 28, 136-137 (1982)	42.65
Machida K.	Machida K.	A 35, 193-217 (1984)	74.10	Masies J.	Masies J.	A 32, 27-30 (1983)	61.70
Macke B.	Rohart F.	B 26, 23-30 (1981)	42.50	Masies J.	Contour J.P.	A 38, 45-47 (1985)	81.40
Macke B.	Rohart F.	B 39, 19-27 (1986)	42.65	Massone C.A.	Tavares Jr A.D.	B 38, 259-262 (1985)	42.60
Mackenzie K.	Snell A.J.	A 26, 83-86 (1981)	85.30	Mataloni P.	Brito Cruz C.H.	B 28, 175 (1982)	42.60
Mackenzie K.D.	Mackenzie K.D.	A 31, 87-92 (1983)	61.40	Matera M.	Pini R.	B 29, 168 (1982)	42.65
Mackert W.	Kassing R.	A 34, 41-47 (1984)	71.20	Mathur B.P.	Rothe E.W.	B 35, 233-236 (1984)	42.60
Macklin J.J.	Silvast W.T.	B 29, 147 (1982)	42.55	Mathur V.K.	Li M.G.	B 28, 252-253 (1982)	42.80
Maddah F.	Hamadani S.M.	B 29, 186 (1982)	42.60	Mathur V.K.	Cao W.-L.	B 28, 213-214 (1982)	85.60
Madey J.M.J.	Robinson K.E.	B 36, 41-52 (1985)	42.55	Matone G.	Pascale M.P.de	B 28, 151 (1982)	42.55
Madey J.M.J.	Smith T.I.	B 27, 195-199 (1982)	41.80	Matson C.L.	Woods C.L.	A 40, 177-182 (1986)	61.10
Maeda M.	Honda C.	B 33, 171-177 (1984)	42.55	Matsui Y.	Matsui Y.	A 28, 161-166 (1982)	73.20
Maeda M.	Abraham N.B.	B 28, 169 (1982)	42.50	Matsumoto J.	Lin S.-C.	B 40, 15-23 (1986)	34.80
Maglietta M.	Maglietta M.	A 31, 165-170 (1983)	61.14	Mattar F.P.	Mattar F.P.	B 29, 149-151 (1982)	42.50
Magnotta F.	Magnotta F.	B 36, 207-212 (1985)	33.80	Mattar F.P.	Drummond P.D.	B 28, 260 (1982)	42.80
Maier M.	Kräutle H.	A 38, 49-56 (1985)	66.30	Matter H.	Triftshäuser W.	A 28, 179-187 (1982)	78.70
Mairhaeghe R.L.van	Hanslaer P.L.	A 39, 129-133 (1986)	73.30	Mattioli M.	Pascale M.P.de	B 28, 151 (1982)	42.55
Majni G.	D'Anna E.	A 40, 183-190 (1986)	68.55	Mattveetz Yu.A.	Khoroshilova E.V.	B 31, 145-151 (1983)	82.00
Makarov G.N.	Apatin V.M.	B 28, 367-372 (1982)	33.00	Mattveetz Yu.A.	Letokhov V.S.	B 26, 243-245 (1981)	87.00
Makarov A.A.	Makarov A.A.	B 29, 287-290 (1982)	32.00	Matyushin G.A.	Golberg S.M.	B 31, 85-88 (1983)	82.50
Makarov G.N.	Apatin V.M.	B 29, 273-278 (1982)	33.00	Matz R.	Ritz A.	A 33, 37-41 (1984)	68.20
Makarov N.P.	Makarov N.P.	B 30, 53-55 (1983)	42.65	Maurer B.	Daniel H.-U.	B 30, 189-193 (1983)	06.30
Makarov G.N.	Apatin V.M.	B 30, 207-210 (1983)	33.00	Mayer F.	Englert M.	B 28, 81-82 (1982)	42.65
Makarov N.P.	Kiyashko V.A.	B 36, 53-54 (1985)	42.65	May P.G.	May P.G.	B 26, 179-183 (1981)	42.55
Makide Y.	Makide Y.	B 28, 341-348 (1982)	82.50	Maystre D.	Maystre D.	A 39, 115-121 (1986)	78.20
Makide Y.	Makide Y.	B 32, 33-34 (1983)	82.50	Maystre P.	Mendez O.M.	B 32, 199-206 (1983)	42.10
Makide Y.	Takeuchi K.	B 37, 67-72 (1985)	82.50	Mazilu D.	Kaplan A.E.	B 28, 104 (1982)	42.50
Makide Y.	Takeuchi K.	B 33, 83-90 (1984)	82.50	Mazur P.	Mihalache D.	B 37, 107-113 (1985)	42.65
Makinen J.	Vehanen A.	A 36, 97-101 (1985)	78.70	Mazzinghi P.	Lewowski T.	A 34, 67-68 (1984)	79.40
Makshantsev B.I.	Makshantsev B.I.	A 36, 205-207 (1985)	42.40	Mazzoni M.	Rivano V.	B 35, 71-75 (1984)	42.60
Maldonado C.D.	Maldonado C.D.	A 27, 219-231 (1982)	61.70	McAlpine R.D.	Pini R.	B 29, 168 (1982)	42.65
Maldonado C.D.	Maldonado C.D.	A 31, 119-138 (1983)	85.40	McAlpine R.D.	Nicol G.R.	B 39, 29-34 (1986)	82.20
Malvezzi A.M.	Malvezzi A.M.	A 36, 143-146 (1985)	79.60	McCall S.L.	Waller I.M.	B 32, 75-78 (1983)	33.00
Malvezzi A.M.	Linde D.von der	B 37, 1-6 (1985)	42.55	McCall S.L.	McCall S.L.	B 28, 99-100 (1982)	42.65
Mamedov A.M.	Mamedov A.M.	A 34, 189-192 (1984)	78.20	McCall S.L.	Gibbs H.M.	B 29, 171-172 (1982)	42.80
Man C.N.	Kerr G.A.	B 37, 11-16 (1985)	42.60	McClelland J.J.	Müller W.	B 31, 131-134 (1983)	34.50
Mandel A.	Karner C.	A 38, 19-21 (1985)	58.00	McCorkle R.A.	McCorkle R.A.	A 26, 261-270 (1981)	52.00
Mandelis A.	Mandelis A.	A 33, 153-159 (1984)	68.00	McCorkle R.A.	McCorkle R.A.	B 28, 269-270 (1982)	52.00
Mandelis A.	Mandelis A.	A 38, 117-122 (1985)	64.00	McCullen J.D.	Becker W.	B 28, 310 (1982)	42.60
Mangan J.B.	Robertson N.A.	B 39, 149-153 (1986)	07.60	McFarlane R.A.	Steel D.G.	B 28, 160-161 (1982)	42.65
Mannik L.	Mannik L.	B 37, 79-86 (1985)	82.50	McFarlane R.A.	Lam J.F.	B 28, 190-191 (1982)	07.65
Manninen M.	Manninen M.	A 26, 93-100 (1981)	71.60	McGlashan S.R.L.	Kubiak R.A.A.	A 40, 7-12 (1986)	73.60
Manning R.J.	Manning R.J.	B 38, 17-21 (1985)	72.40	McGuire M.D.	Cutler L.S.	B 36, 137-142 (1985)	35.00
Mannspenger H.	Müller G.	A 39, 243-250 (1986)	61.40	McGuire M.D.	Cutler L.S.	B 39, 251-259 (1986)	35.00
Manuccia T.J.	Duncan M.D.	B 28, 242-243 (1982)	87.00	McKenzie D.R.	McPhedran R.C.	A 29, 19-27 (1982)	72.90
Manveljan R.V.	Abakumov G.A.	B 28, 223 (1982)	82.50	McMichael I.C.	Diels J.-C.	B 28, 172-173 (1982)	42.60
Maple M.B.	Sales B.C.	A 31, 115-117 (1983)	75.00	McPhedran R.C.	McPhedran R.C.	A 29, 19-27 (1982)	72.90
Marchetti S.	Antonelli B.	B 28, 51-54 (1982)	33.10	McPhedran R.C.	McPhedran R.C.	A 26, 207-220 (1981)	72.90
Marchetti S.	Baldacchini G.	B 29, 269-272 (1982)	33.00	McPhedran R.C.	Smith G.B.	A 36, 194-204 (1985)	68.20
Marchetti S.	Giorgi M.	B 34, 33-35 (1984)	33.80	McPhedran R.C.	Jakeman E.	B 26, 125-131 (1981)	42.10
Marcu V.	Tenne R.	A 37, 205-209 (1985)	61.70	McWhirter J.G.	Kajiyama K.	B 38, 139-142 (1985)	81.15
Marczewski M.	Marczewski M.	A 29, 233-236 (1982)	73.40	Meads S.	Beben J.	A 40, 79-84 (1986)	05.40
Marczewski M.	Strzalkowski I.	A 40, 123-127 (1986)	73.40	Mehendele S.C.	Mehendele S.C.	B 32, 217-223 (1983)	42.65
Marenniko S.I.	Chebotaev V.P.	B 31, 193-199 (1983)	42.60	Mehrer H.	Stolwijk N.A.	A 39, 37-48 (1986)	61.70
Vitali G.	Vitali G.	A 35, 233-239 (1984)	61.70	Meier R.	Rüegsegger W.	B 37, 115-135 (1985)	52.70
Vitali G.	Vitali G.	A 30, 161-167 (1983)	61.70	Meili H.P.	Graf H.P.	B 36, 33-40 (1985)	52.00
Marinero E.E.	Marinero E.E.	B 28, 114-115 (1982)	33.00	Meisels R.	Kuchar F.	A 33, 83-85 (1984)	73.60
Marotz J.	Marotz J.	B 37, 181-187 (1985)	42.40	Meisner G.P.	Meisner G.P.	A 31, 201-212 (1983)	74.00
Marowsky G.	Tittel F.K.	B 28, 126 (1982)	42.60	Mellis J.	Smith A.L.S.	B 37, 171-179 (1985)	42.55
				Melver J.K.	Kurizki G.	B 29, 157-158 (1982)	42.55

Menchi E.	Arimondo E.	B 37, 55-61 (1985)	42.50	Mlynek J.	Scholz R.	B 28, 191-192 (1982)	07.65
Mendas I.	Mendas I.	B 34, 1-4 (1984)	42.80	Mlynek J.	Köster E.	B 35, 201-207 (1984)	42.65
Mendas I.	Mendas I.	B 32, 119-122 (1983)	42.80	Mochizuki T.	Yamanaka C.	B 28, 271 (1982)	52.00
Mendas I.	Mendas I.	B 39, 195-200 (1986)	42.60	Moerner W.E.	Moerner W.E.	B 28, 263-264 (1982)	73.00
Mendez O.M.	Mendez O.M.	B 32, 199-206 (1983)	42.10	Moerner W.E.	Chraplyvy A.R.	B 28, 264 (1982)	78.00
Mendz G.	Mendz G.	A 26, 87-92 (1981)	76.30	Moers F.von	Moers F.von	B 40, 67-75 (1986)	42.65
Menefee R.F.	Menefee R.F.	B 28, 121-122 (1982)	33.00	Moers F.von	Buesener H.	B 39, 77-81 (1986)	42.65
Mentzer M.A.	Mentzer M.A.	A 32, 19-25 (1983)	61.80	Mogyorosi P.	Bunkin F.V.	A 37, 117-119 (1985)	82.50
Menzel D.	Menzel D.	A 38, 191-192 (1985)	68.45	Moharam M.G.	Baird W.E.	B 32, 15-20 (1983)	42.20
Mercea P.	Tosa V.	B 36, 55-57 (1985)	33.00	Moharam M.G.	Knoesen A.	B 38, 171-178 (1985)	42.10
Mercea V.	Tosa V.	B 36, 55-57 (1985)	33.00	Moharam M.G.	Gaylord T.K.	B 28, 1-14 (1982)	42.10
Merkle G.	Hepner J.	B 35, 77-82 (1984)	42.55	Mohler E.	Thomas S.	A 33, 247-250 (1984)	71.35
Meshkovskii I.K.	Efendiev T.Sh.	B 28, 171 (1982)	42.50	Mohwald H.	Laxhuber L.A.	A 39, 173-181 (1986)	68.25
Meshkovskii I.K.	Efendiev T.Sh.	B 33, 167-169 (1984)	42.50	Moison J.M.	Bensoussan M.	B 28, 93-94 (1982)	42.65
Mesli A.	Mesli A.	A 31, 147-152 (1983)	61.80	Molchanov V.A.	Balashova L.L.	A 37, 171-173 (1985)	79.20
Mesli A.	Fogareasy E.	A 37, 221-224 (1985)	85.30	Molchanov V.A.	Balashova L.L.	A 28, 189-194 (1982)	79.20
Mesli A.	Zundel T.	A 40, 67-69 (1986)	66.30	Mollenauer L.F.	Mollenauer L.F.	B 28, 306-307 (1982)	42.70
Mesli N.	Grob J.J.	A 35, 161-167 (1984)	34.00	Müller K.	Holmild L.	A 33, 199-204 (1984)	86.30
Messer R.	Kreuer K.D.	A 32, 155-158 (1983)	66.30	Müller W.	Müller W.	A 27, 19-29 (1982)	61.70
Messer R.	Kreuer K.D.	A 32, 45-53 (1983)	66.30	Moloney J.V.	Moloney J.V.	B 28, 98-99 (1982)	42.65
Metev S.M.	Gerassimov R.B.	B 28, 266 (1982)	82.00	Moloney J.V.	Moloney J.V.	B 28, 100-101 (1982)	42.65
May G.de	May G.de	A 36, 183-187 (1985)	02.00	Moloney J.V.	Gibbs H.M.	B 29, 171-172 (1982)	42.80
Mayer H.	Staerk H.	B 30, 153-156 (1983)	07.62	Molt R.	Eichler H.J.	B 26, 49-56 (1981)	42.55
Mayer J.D.	Rocca J.J.	B 28, 239 (1982)	42.55	Moniwa M.	Tamura M.	A 39, 183-190 (1986)	61.70
Mayer O.	Turos A.	A 28, 99-102 (1982)	61.70	Monk P.	Dyer P.E.	B 26, 169-172 (1981)	42.55
Mayer R.	Grosse P.	A 39, 257-268 (1986)	42.10	Monot R.	Delacretaz G.	B 29, 55-61 (1982)	36.00
Mazey L.Z.	Mazey L.Z.	A 35, 87-89 (1984)	68.40	Montasser S.	Ali G.AE-F.	A 39, 291-296 (1986)	72.40
Michau V.	Michau V.	B 39, 219-222 (1986)	42.55	Montalatici V.	Antonelli B.	B 28, 51-54 (1982)	33.10
Micheli M.de	Falco C.	A 30, 23-26 (1983)	07.60	Montalatici V.	Baldacchini G.	B 29, 269-272 (1982)	33.00
Michon P.	Pinson P.	B 28, 55-62 (1982)	33.00	Montan S.	Montan S.	B 38, 241-247 (1985)	07.60
Midorikawa K.	Midorikawa K.	B 38, 185-189 (1985)	42.55	Mooradian A.	Welford D.	B 28, 214-216 (1982)	85.60
Midorikawa K.	Takuchi K.	B 37, 67-72 (1985)	82.50	Moore D.S.	Moore D.S.	B 28, 219-220 (1982)	82.50
Miquel J.L.de	Briones F.	A 36, 147-151 (1985)	68.55	Moorthy L.R.	Lakshman S.V.J.	A 38, 285-291 (1985)	42.55
Mihailescu I.N.	Cojocaru E.	A 26, 243-246 (1981)	61.80	Moosmüller H.	Moosmüller H.	B 40, 29-33 (1986)	42.68
Mihailescu I.N.	Alexandrescu R.	B 29, 182-183 (1982)	36.00	Morawski J.	Wosinski T.	A 30, 233-235 (1983)	61.70
Mihailescu I.N.	Ursu I.	B 29, 187-188 (1982)	52.00	Morhead F.F.	Tan T.Y.	A 31, 97-108 (1983)	61.70
Mihailescu I.N.	Ursu I.	A 29, 209-212 (1982)	81.60	Moretti A.	Inguscio M.	B 28, 88-89 (1982)	42.65
Mihailescu I.N.	Ursu I.	A 34, 133-138 (1984)	78.40	Moretti A.	Inguscio M.	B 40, 165-169 (1986)	06.00
Mihailescu I.N.	Ursu I.	A 35, 103-108 (1984)	61.80	Morgan P.D.	Behn R.	B 29, 143 (1982)	78.50
Mihailescu I.N.	Ursu I.	A 40, 227-233 (1986)	42.70	Morimoto J.	Morimoto J.	A 28, 93-97 (1982)	42.65
Mihalov S.	Taylor R.S.	B 38, 131-137 (1985)	42.55	Morimoto J.	Morimoto J.	A 39, 197-202 (1986)	06.50
Mihalache D.	Mihalache D.	B 37, 107-113 (1985)	42.65	Morimoto J.	Soeya T.	A 27, 125-127 (1982)	78.55
Mikhalevich V.G.	Sigrist M.W.	B 28, 146 (1982)	42.65	Morinaga A.	Kurosawa T.	B 34, 49-53 (1984)	42.65
Miki K.	Koma A.	A 34, 35-39 (1984)	79.20	Morita A.	Morita A.	A 39, 227-242 (1986)	61.00
Milam D.	Siekhaus W.J.	A 39, 163-166 (1986)	79.40	Morita N.	Morita N.	B 28, 25-29 (1982)	42.65
Milburn G.J.	Milburn G.J.	B 28, 109-110 (1982)	42.50	Morita N.	Morita N.	B 31, 63-67 (1983)	42.65
Miller A.	Miller A.	B 28, 92-93 (1982)	42.65	Morita S.	Morita S.	A 39, 109-114 (1986)	72.40
Miller A.	Smir A.L.	B 28, 95-96 (1982)	42.65	Morita S.	Morita S.	A 38, 103-107 (1985)	72.40
Miller A.	Miller A.	B 29, 173 (1982)	42.80	Morita S.	Morita S.	A 36, 131-137 (1985)	68.55
Miller D.A.B.	Miller A.	B 28, 92-93 (1982)	42.65	Morita S.	Toda K.	A 33, 231-233 (1984)	78.20
Miller D.A.B.	Miller D.A.B.	B 28, 96-97 (1982)	42.65	Morjan I.	Alexandrescu R.	B 29, 182-183 (1982)	36.00
Miller J.C.	Garrett W.R.	B 29, 164-165 (1982)	42.60	Morrison H.D.	Morrison H.D.	B 37, 165-170 (1985)	42.55
Miller R.E.	Boughton C.V.	B 28, 113 (1982)	33.00	Moser P.	Yli-Kauppi J.	A 27, 31-33 (1982)	61.40
Mills A.P.	Chu S.	B 28, 279 (1982)	36.10	Moser P.	Hidalgo C.	A 40, 25-28 (1986)	61.70
Milosevic G.	Mendas I.	B 39, 195-200 (1986)	42.60	Motschmann U.	Herrmann J.	B 27, 27-37 (1982)	42.55
Milton G.W.	Milton G.W.	A 26, 125-130 (1981)	72.90	Motz H.	Luchini P.	B 37, 47-54 (1985)	41.00
Milton G.W.	McPhedran R.C.	A 26, 207-220 (1981)	72.90	Moulton P.F.	Moulton P.F.	B 28, 233 (1982)	42.70
Milton G.W.	McPhedran R.C.	A 29, 19-27 (1982)	72.90	Mourou G.	Knox W.	B 28, 174-175 (1982)	42.60
Mima K.	Mima K.	B 29, 158 (1982)	42.55	Mourou G.	Williamson S.	B 28, 249-250 (1982)	42.80
Mima K.	Kato Y.	B 29, 186-187 (1982)	52.00	Movshev V.G.	Sizer II Th.	B 28, 248 (1982)	42.55
Mindl T.	Mindl T.	B 31, 201-207 (1983)	42.65	Movshev V.G.	Chekalin S.V.	B 33, 57-61 (1984)	33.00
Minguzzi P.	Lieto A.di	B 27, 1-3 (1982)	33.20	Moylan C.R.	Moylan C.R.	A 40, 1-5 (1986)	81.15
Minogin V.G.	Minogin V.G.	B 34, 161-166 (1984)	32.90	Muchnik M.E.	Zherikhin A.N.	B 30, 47-52 (1983)	32.00
Minogin V.G.	Balykin V.I.	B 35, 149-153 (1984)	42.65	Mück G.	Müller G.	A 29, 63-68 (1982)	72.40
Minogin V.G.	Balykin V.I.	B 33, 247-251 (1984)	07.65	Müller-Dethlefs K.	Attal B.	B 28, 221-222 (1982)	82.50
Miodownik A.P.	Kambli U.	A 36, 189-192 (1985)	61.40	Müller A.	Müller A.	B 28, 176-177 (1982)	42.60
Miotello A.	Gratton L.M.	A 36, 139-141 (1985)	61.80	Müller A.	Bor Zs.	B 27, 9-14 (1982)	42.60
Miotello A.	Miotello A.	A 40, 85-89 (1986)	79.20	Müller A.	Bor Zs.	B 27, 77-81 (1982)	42.60
Miranda L.C.M.	Miranda L.C.M.	A 32, 87-93 (1983)	78.20	Müller A.	Szabo G.	B 34, 145-147 (1984)	42.55
Miranda L.C.M.	Mandelis A.	A 38, 117-122 (1985)	64.00	Müller A.	Bor Zs.	B 32, 101-104 (1983)	42.10
Mishin V.I.	Zharikhin A.N.	B 30, 47-52 (1983)	32.00	Müller A.	Szabo G.	B 31, 1-4 (1983)	42.60
Miskovsky N.M.	Miskovsky N.M.	A 27, 139-147 (1982)	68.00	Müller D.F.	Müller D.F.	B 28, 199-200 (1982)	42.60
Miskovsky N.M.	Miskovsky N.M.	A 28, 73-77 (1982)	79.40	Müller D.F.	Srinivasan T.	B 28, 198-199 (1982)	42.60
Miskovsky N.M.	Miskovsky N.M.	A 33, 43-45 (1984)	41.80	Müller G.	Müller G.	A 29, 63-68 (1982)	72.40
Miskovsky N.M.	Miskovsky N.M.	A 33, 113-120 (1984)	41.80	Müller G.	Müller G.	A 39, 243-250 (1986)	61.40
Miskovsky N.M.	Miskovsky N.M.	A 33, 205-207 (1984)	79.40	Müller J.C.	Mesli A.	A 31, 147-152 (1983)	61.80
Miskovsky N.M.	Chung M.	A 36, 171-174 (1985)	41.80	Müller J.C.	Slaut A.	A 39, 159-162 (1986)	61.70
Miskovsky N.M.	Sujatha N.	A 32, 55-61 (1983)	68.10	Müller J.C.	Zundel T.	A 40, 67-69 (1986)	66.30
Mitin V.V.	Mitin V.V.	A 39, 123-127 (1986)	72.20	Müller K.	Brüesch P.	A 38, 1-18 (1985)	68.45
Mitschke F.	Mitschke F.	B 35, 59-64 (1984)	42.65	Müller K.-H.	Müller K.-H.	A 40, 209-213 (1986)	68.55
Mitschke F.	Mlynek J.	B 28, 135 (1982)	42.65	Müller W.	Müller W.	B 31, 131-134 (1983)	34.50
Mitschke F.	Köster E.	B 35, 201-207 (1984)	42.65	Munley A.J.	Drever R.W.P.	B 31, 97-105 (1983)	06.00
Mittal J.P.	Parthasarathy V.	B 39, 187-190 (1986)	82.50	Munoz J.	Iniguez J.	A 39, 287-289 (1986)	75.60
Mitzkus R.	Staerk H.	B 30, 153-156 (1983)	07.62	Munz P.	Bucher E.	A 40, 71-77 (1986)	73.40
Miyakawa T.	Morimoto J.	A 39, 197-202 (1986)	06.50	Muraoka K.	Honda C.	B 33, 171-177 (1984)	42.55
Miyazaki K.	Yamabayashi N.	B 26, 33-36 (1981)	42.55	Murase K.	Itoh Y.	A 26, 227-230 (1981)	61.70
Mizeraczyk J.	Mizeraczyk J.	B 33, 17-21 (1984)	52.00	Murav'ov A.A.	Rubinov A.N.	B 30, 99-104 (1983)	42.60
Mizugai Y.	Mizugai Y.	B 32, 43-47 (1983)	33.20	Muriel M.A.	Martin-Pereda J.A.	B 28, 138 (1982)	42.65
Mizutani F.	Yamanaka T.	B 28, 272-273 (1982)	51.00	Musumeci F.	Anfino A.	A 35, 115-118 (1984)	78.20
Mlynek J.	Mlynek J.	B 28, 135 (1982)	42.65	Musumeci F.	Barbarino S.	A 29, 77-80 (1982)	78.20

Muus H.	Baving H.J.	B 33, 75-77 (1984)	42.30	Nikitin M.V.	Chebotaev V.P.	B 36, 59-61 (1985)	42.60
Muuss H.	Baving H.J.	B 29, 19-21 (1982)	42.60	Nikitin M.V.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60
Myers M.T.	Wang C.C.	B 28, 116 (1982)	33.00	Niklas A.	Niklas A.	A 35, 249-253 (1984)	61.70
Myslivets S.A.	Lukinykh V.F.	B 34, 171-173 (1984)	42.65	Niklas A.	Niklas A.	B 34, 87-92 (1984)	61.70
Myslivets S.A.	Lukinykh V.F.	B 38, 143-146 (1985)	42.65	Nikolaus B.	Nikolaus B.	B 36, 213-216 (1985)	42.55
Nacher P.J.	Leduc M.	B 28, 308 (1982)	42.70	Nikolaus B.	Zhang D.Z.	B 28, 195 (1982)	07.65
Nachshon Y.	Nachshon Y.	B 35, 227-231 (1984)	42.55	Nikolaus B.	Gierulski A.	B 36, 133-135 (1985)	42.65
Nag B.R.	Nag B.R.	A 29, 45-48 (1982)	72.00	Nikolaus B.	Szabo G.	B 34, 145-147 (1984)	42.55
Nag B.R.	Nag B.R.	A 31, 65-70 (1983)	72.20	Nikolaus B.	Ernsting N.P.	B 39, 155-164 (1986)	33.50
Nag B.R.	Nag B.R.	A 38, 57-58 (1985)	72.00	Nikolic R.	Nikolic R.	A 34, 199-203 (1984)	65.00
Nag B.R.	Deb Roy M.	A 32, 39-43 (1983)	72.00	Nikolova L.	Todorov T.	B 32, 93-95 (1983)	07.65
Nag B.R.	Deb Roy M.	A 30, 189-193 (1983)	72.20	Ning C.	Lee W.	B 40, 35-38 (1986)	42.55
Nag B.R.	Deb Roy M.	A 28, 195-204 (1982)	72.00	Nishida N.	Marowsky G.	B 37, 205-207 (1985)	42.55
Nag B.R.	Deb Roy M.	A 26, 131-138 (1981)	72.00	Nishimura K.	Honda C.	B 33, 171-177 (1984)	42.55
Nag B.R.	Deb Roy M.	A 32, 211-215 (1983)	72.20	Nishimura Y.	Nishimura Y.	B 38, 91-98 (1985)	52.23
Nagpaul K.K.	Bhardwaj R.P.	A 31, 153-155 (1983)	34.00	Nishino T.	Hoffmann H.J.	A 33, 47-50 (1984)	71.55
Nagy I.	Nagy I.	B 28, 140-141 (1982)	42.65	Nistius J.P.	Vollmer J.	A 32, 125-127 (1983)	42.80
Nahar S.	Khoo I.C.	A 40, 95-99 (1986)	61.80	Nistor L.C.	Ursu I.	A 40, 227-233 (1986)	42.70
Naidu S.V.	Gupta A.Sen	A 38, 37-43 (1985)	73.60	Nistor L.C.	Ursu I.	A 29, 209-212 (1982)	81.60
Nakaaki I.	Saito N.	B 28, 272-273 (1982)	51.00	Nitecki R.	Cojocar E.	A 26, 243-246 (1981)	61.80
Nakai M.	Yamanaka T.	B 28, 271 (1982)	52.00	Nitecki R.	Nitecki R.	A 36, 55-61 (1985)	61.70
Nakai S.	Yamanaka C.	B 28, 272-273 (1982)	51.00	Nobes M.J.	Cartier G.	A 38, 77-95 (1985)	79.20
Nakai S.	Yamanaka T.	B 30, 143-148 (1983)	33.00	Noda M.	Matsui Y.	B 28, 161-166 (1982)	73.20
Nakajima S.	Kojima H.	B 27, 207-209 (1982)	06.50	Noehte S.	Englert M.	B 28, 81-82 (1982)	42.65
Nakata H.	Nakata H.	A 33, 47-50 (1984)	71.55	Noer R.J.	Noer R.J.	A 28, 1-24 (1982)	79.70
Nakayama H.	Hoffmann H.J.	B 38, 185-189 (1985)	42.55	Nomikos C.D.	Kaliakatos J.A.	A 31, 213-214 (1983)	78.55
Namba S.	Midorikawa K.	B 34, 37-41 (1984)	42.55	Nomiyu Y.	Tsakakoshi M.	B 35, 135-140 (1984)	87.00
Namba S.	Tashiro H.	A 35, 103-108 (1984)	61.80	Nordlund T.M.	Nonomura S.	A 32, 31-38 (1983)	86.30
Nanai L.	Ursu I.	A 37, 247-249 (1985)	42.65	Noro Y.	Knox W.	B 28, 174-175 (1982)	42.60
Nanai L.	Bakos J.S.	A 35, 103-108 (1984)	61.80	Norton N.	Tarumi K.	A 28, 235-240 (1982)	02.50
Nanu L.	Ursu I.	A 26, 243-246 (1981)	61.80	Nost B.	Neave J.H.	A 31, 1-8 (1983)	68.55
Nauor R.le	Cojocar E.	B 28, 303-304 (1982)	32.00	Nowak U.	Friberg A.	A 26, 239-242 (1981)	73.40
Narducci L.M.	Floch A.le	B 28, 164 (1982)	42.50	Nunzi J.M.	Nowak U.	A 35, 27-34 (1984)	07.65
Nassisi V.	Lugliato L.A.	B 40, 115-120 (1986)	42.55	Nurmikko A.V.	Nunzi J.M.	B 35, 209-216 (1984)	42.65
Nath A.K.	Luches A.	B 33, 239-241 (1984)	07.62	Nurmikko A.V.	Ajo J.	B 28, 286-287 (1982)	42.55
Nathan T.P.S.	Seguin H.J.J.	A 39, 147-153 (1986)	79.20	Nylandsted Larsen A.	Harris J.H.	B 28, 252 (1982)	78.00
Nattermann K.	Bhattacharya P.K.	B 38, 31-36 (1985)	42.20	Nylandsted Larsen A.	Nylandsted Larsen A.	A 33, 51-58 (1984)	61.70
Nava F.	Danielz B.	A 40, 183-190 (1986)	68.55	O'Neill F.	A.Chevallier J.	A 39, 141-145 (1986)	81.10
Navratiil K.	D'Anna E.	A 29, 157-162 (1982)	78.65	Obradors X.	Shaw M.J.	B 28, 127 (1982)	42.60
Naylor D.L.	Ohlidal I.	B 28, 156-157 (1982)	42.65	Odintsov A.I.	Isalgue A.	A 39, 221-225 (1986)	75.30
Neave J.H.	Chang T.Y.	A 34, 179-184 (1984)	68.55	Oepen H.P.	Bakanov D.G.	B 28, 288 (1982)	42.55
Neave J.H.	Neave J.H.	A 32, 195-200 (1983)	73.60	Oesterlin P.	Kirschner J.	B 34, 117-183 (1983)	79.60
Neave J.H.	Neave J.H.	A 31, 1-8 (1983)	68.55	Oesterreicher H.	Bronner W.	A 30, 11-15 (1984)	33.80
Neave J.H.	Harris J.J.	A 28, 63-71 (1982)	73.60	Offenberg M.	Parker F.T.	A 27, 65-69 (1982)	75.25
Neff H.	Bruesch P.	A 38, 1-18 (1985)	68.45	Oh K.-D.	Grosse P.	A 39, 257-268 (1986)	42.10
Negrini P.	Servidori M.	A 39, 191-195 (1986)	61.70	Ohlidal I.	Yun S.I.	A 40, 95-98 (1986)	42.68
Neiger M.	Neiger M.	B 28, 373-381 (1982)	42.55	Ohshima T.	Ohlidal I.	B 29, 157-162 (1982)	78.65
Neiger M.	Neiger M.	B 37, 73-78 (1985)	42.55	Okada T.	Hatta A.	A 29, 71-75 (1982)	78.00
Neiger M.	Mizeraczyk J.	B 33, 17-21 (1984)	52.00	Okamoto H.	Bahn R.	B 29, 143 (1982)	42.60
Neijzen J.H.M.	Neijzen J.H.M.	B 28, 86-87 (1982)	42.65	Okamoto H.	Nonomura S.	A 32, 31-38 (1983)	86.30
Nelle P.	Rohrbeck W.	B 31, 139-144 (1983)	33.00	Okazaki S.	Kaneko M.	A 38, 281-284 (1985)	78.20
Nelson L.	Slater J.	B 28, 153-154 (1982)	42.55	Okuyama F.	Sakata I.	A 40, 171-176 (1986)	73.60
Neskovik O.	Nikolic R.	A 34, 199-203 (1984)	65.00	Okuyama F.	Okuyama F.	A 38, 275-279 (1985)	68.55
Nespurek S.	Nespurek S.	A 30, 223-226 (1983)	72.40	Okuyama F.	Okuyama F.	A 28, 125-128 (1982)	52.00
Nest A.	Nest A.	A 27, 177-182 (1982)	75.30	Okuyama F.	Okuyama F.	A 27, 57-64 (1982)	81.10
Nest A.	Geiss V.	A 27, 79-88 (1982)	75.50	Olariu S.	Matsui Y.	A 28, 161-166 (1982)	73.20
Neumann R.	Englert M.	B 28, 81-82 (1982)	42.65	Oliva A.	Collins C.B.	B 28, 203-204 (1982)	42.60
Neusser H.J.	Riedle E.	B 28, 118-119 (1982)	33.00	Oliveri M.E.	Falcone G.	A 33, 175-178 (1984)	79.20
Neve de Mevergnies	Neve de Mevergnies	B 26, 256 (1981)	33.80	Olmstead M.A.	Falcone G.	A 32, 201-203 (1983)	79.20
Neve de Mevergnies	Neve de Mevergnies	B 29, 125-130 (1982)	33.80	Olmstead M.A.	Lo Savio M.	A 39, 269-271 (1986)	81.15
Neviere M.	Maystre D.	A 39, 115-121 (1986)	78.20	Oritz C.	Olmstead M.A.	A 32, 141-154 (1983)	73.00
Neviere M.	Reintisch R.	B 28, 148-149 (1982)	42.65	Orriol G.	Bjorklund G.C.	B 32, 145-152 (1983)	07.65
New G.H.C.	Catherall J.M.	B 28, 176 (1982)	42.60	Orriol G.	Vilaseca R.	B 34, 73-82 (1984)	42.65
New G.H.C.	Zenteno L.A.	B 40, 141-146 (1986)	42.60	Orriol G.	Roso L.	B 31, 115-129 (1983)	42.50
Newman K.E.	Ren S.-F.	A 33, 269-272 (1984)	77.55	Ortgies G.	Bava G.P.	A 26, 185-190 (1981)	42.65
Newstead S.	Kubiak R.A.A.	A 35, 61-66 (1984)	81.10	Ortiz C.	Ortgies G.	B 33, 103-113 (1984)	42.68
Newton S.A.	Jain K.	B 26, 43-48 (1981)	42.55	Osara K.	Ortiz C.	B 28, 309 (1982)	61.50
Nicholas D.J.	Shaw M.J.	B 28, 127 (1982)	42.60	Osgood R.M.	Morimoto J.	A 28, 93-97 (1982)	78.55
Nicolet M.-A.	Lien C.-D.	A 34, 249-251 (1984)	68.55	Ostapowicz A.	Chen C.J.	A 31, 171-182 (1983)	82.65
Nicolet M.-A.	Lien C.-D.	A 36, 153-157 (1985)	68.55	Osman M.A.	Gräff G.	A 33, 59-62 (1984)	29.25
Nicolet M.-A.	Barcz A.J.	A 33, 167-173 (1984)	66.30	Ostrowsky D.B.	Mamedov A.M.	A 34, 189-192 (1984)	78.20
Nicolet M.-A.	Bartur M.	A 29, 69-70 (1982)	81.60	Otero D.	Falco C.	A 30, 23-26 (1983)	07.60
Nicolet M.-A.	Affolter K.	A 37, 19-23 (1985)	79.20	Otsuka E.	Otero D.	A 29, 213-217 (1982)	72.15
Nicolet M.-A.	Lien C.-D.	A 35, 47-50 (1984)	68.55	Ottaviani G.	Nakata H.	B 27, 207-209 (1982)	06.50
Nicol G.R.	Nicol G.R.	B 29, 29-34 (1986)	82.20	Ottens M.S.	D'Anna E.	A 40, 183-190 (1986)	68.55
Nicolosi P.	Nicolosi P.	B 26, 117-124 (1981)	52.75	Ouchi K.	Peuser P.	B 38, 249-253 (1985)	32.00
Nielsen B.	Linderoth S.	A 33, 25-28 (1984)	78.70	Outhouse A.	Cone R.L.	B 28, 143 (1982)	42.65
Nielsen B.	Pagh B.	A 33, 255-263 (1984)	78.70	Outhouse A.	Ouchi K.	B 29, 1-11 (1982)	42.10
Nielsen B.	Hansen H.E.	A 36, 81-92 (1985)	78.70	Ouv D.	Outhouse A.	B 36, 63-75 (1985)	82.50
Nielsen H.K.	Hansen H.E.	A 36, 81-92 (1985)	78.70	Overdahl S.	Gauthier M.	B 35, 173-177 (1984)	82.50
Nielsen S.K.	Besenbacher F.	A 29, 141-145 (1982)	61.80	Pagh B.	Liphardt B.	B 29, 73-77 (1982)	82.00
Nielsen U.	Poulsen O.	B 28, 90 (1982)	42.65	Pai C.S.	McCall S.L.	B 28, 99-100 (1982)	42.65
Niemax K.	Niemax K.	B 36, 177-180 (1985)	32.20	Palange E.			
Niemax K.	Niemax K.	B 32, 59-62 (1983)	29.30	Palange E.			
Niemax K.	Niemax K.	B 38, 147-157 (1985)	29.30	Palange E.			
Nieminen R.M.	Manninen M.	A 26, 93-100 (1981)	71.60	Palmetshofer L.			
Nieminen R.M.	Valkealahti S.	A 35, 51-59 (1984)	61.80				
Nieminen R.M.	Valkealahti S.	A 32, 95-106 (1983)	61.80				
Nieminen R.M.	Hansen H.E.	A 36, 81-92 (1985)	78.70				

Palucci A.	Giorgi M.	B 34, 33-35 (1984)	33.80	Pietrak M.E.	Fletcher A.N.	B 30, 195-202 (1983)	78.60
Palumbo L.J.	Wexler B.L.	B 28, 159-160 (1982)	42.65	Piglmayer K.	Petzoldt F.	A 35, 155-159 (1984)	81.15
Panajotov K.P.	Zartov G.D.	B 39, 111-115 (1986)	42.10	Piglmayer K.	Du Y.C.	A 39, 167-171 (1986)	42.60
Panchenko V.	Ioli N.	B 38, 23-30 (1985)	42.55	Pilipetski N.F.	Makhsantsev B.I.	A 36, 205-207 (1985)	42.40
Pande K.P.	Pande K.P.	A 28, 123-124 (1982)	85.30	Pilipetski N.F.	Golberg S.M.	B 31, 85-88 (1983)	82.50
Pantell R.H.	Pantell R.H.	B 28, 154 (1982)	42.55	Pini R.	Pinsl J.	B 29, 168 (1982)	42.65
Pant H.	Swenberg C.E.	B 28, 240-241 (1982)	87.00	Pinsl J.	Pinson P.	B 40, 77-84 (1986)	42.40
Papas C.H.	Engheta N.	B 26, 231-238 (1981)	41.00	Pinson P.	Freder N.	B 28, 55-62 (1982)	33.00
Papas C.H.	Luchini P.	B 28, 15-20 (1982)	42.55	Pirug G.	Bareika B.	A 39, 209-219 (1986)	82.65
Papas C.H.	Engheta N.	B 30, 183-188 (1983)	41.00	Piskarskas A.	Betts R.A.	B 29, 176 (1982)	42.65
Park H.L.	Yun S.I.	B 40, 95-98 (1986)	42.68	Pitt C.W.	Graf F.	A 31, 29-35 (1983)	42.80
Parker E.H.C.	Kubiak R.A.A.	A 35, 61-66 (1984)	81.10	Pleiningner G.	Apatin V.M.	B 34, 123-128 (1984)	42.55
Parker E.H.C.	Kubiak R.A.A.	A 35, 75-77 (1984)	73.60	Pleshkov G.M.	Künzel H.	B 29, 273-278 (1982)	33.00
Parker E.H.C.	Kubiak R.A.A.	A 37, 145-151 (1985)	61.80	Ploog K.	Künzel H.	A 27, 1-10 (1982)	72.20
Parker E.H.C.	Kubiak R.A.A.	A 40, 7-12 (1986)	73.60	Ploog K.	Künzel H.	A 28, 167-173 (1982)	68.55
Parker F.T.	Parker F.T.	A 27, 65-69 (1982)	75.25	Ploog K.	Zhou B.L.	A 28, 223-227 (1982)	72.40
Parry G.	Miller A.	B 29, 173 (1982)	42.80	Ploog K.	Künzel H.	A 30, 73-81 (1983)	72.20
Parsai E.	Jean Y.C.	A 35, 169-176 (1984)	78.70	Ploog K.	Künzel H.	A 32, 69-78 (1983)	72.20
Parthasarathy V.	Parthasarathy V.	B 39, 187-190 (1986)	82.50	Ploog K.	Jung H.	A 33, 9-17 (1984)	81.15
Pascale M.P.de	Pascale M.P.de	B 28, 151 (1982)	42.55	Ploog K.	Schubert E.F.	A 33, 63-76 (1984)	68.55
Pascher H.	Höfling H.J.	A 31, 195-199 (1983)	42.65	Ploog K.	Jung H.	A 33, 97-105 (1984)	78.65
Pascher H.	Richter W.	A 26, 115-124 (1981)	42.65	Ploog K.	Schubert E.F.	A 33, 183-193 (1984)	72.20
Pascher H.	Pashmakov B.	B 34, 107-122 (1984)	42.65	Ploog K.	Jung H.	A 35, 130 (1984)	78.65
Pashmakov B.	Pashmakov B.	A 37, 243-246 (1985)	68.20	Ploog K.	Horikoshi Y.	A 37, 47-56 (1985)	85.60
Pashov N.	Danesh P.	A 39, 297-299 (1986)	61.10	Ploog K.	Jung H.	A 37, 83-87 (1985)	73.60
Passner A.	Gibbs H.M.	B 29, 171-172 (1982)	42.80	Ploog K.	Stolz W.	A 38, 97-102 (1985)	68.55
Patil S.P.	Banerjee J.P.	A 35, 125-129 (1984)	85.30	Ploog K.	Horikoshi Y.	A 39, 21-30 (1986)	78.55
Paul H.	Brunner W.	B 28, 168-169 (1982)	42.50	Plusa D.	Plusa D.	A 40, 167-170 (1986)	75.50
Paul H.	Brunner W.	B 33, 187-193 (1984)	42.50	Podavalova O.P.	Bolotskikh L.T.	B 35, 249-252 (1984)	42.65
Paulin R.	Boileau F.	A 26, 107-113 (1981)	61.70	Poelsma B.	Comse G.	B 38, 153-160 (1985)	79.20
Paus H.J.	Eisele H.	B 28, 307 (1982)	42.70	Pohoryles B.	Nitecki R.	A 36, 55-61 (1985)	61.70
Pavlov L.I.	Dimov S.S.	B 30, 35-40 (1983)	42.65	Polacco E.	Carusotto S.	B 36, 125-131 (1985)	42.80
Pavlov L.I.	Altshuller G.B.	B 32, 97-100 (1983)	42.65	Politch J.	Segal M.	B 30, 95-98 (1983)	42.30
Payne M.G.	Garrett W.R.	B 29, 164-165 (1982)	42.60	Politch J.	Ben-Aryeh Y.	B 28, 150-151 (1982)	42.55
Payne M.G.	Lehmann B.E.	B 28, 114 (1982)	33.00	Politti A.	Arecchi F.T.	B 28, 163-164 (1982)	42.50
Peak D.	Averback R.S.	A 39, 59-64 (1986)	61.80	Polland H.-J.	Zinth W.	B 26, 77-88 (1981)	33.00
Peak D.	Averback R.S.	A 38, 139-143 (1985)	61.80	Polland H.J.	Polland H.J.	B 32, 53-57 (1983)	42.55
Pedrys R.	Pedrys R.	A 32, 205-210 (1983)	79.20	Pollock C.R.	Pollock C.R.	B 29, 153 (1982)	42.80
Pellegrino M.	Ioli N.	B 38, 23-30 (1985)	42.55	Pollock C.R.	Pollock C.R.	B 28, 308-309 (1982)	42.70
Pensl G.	Geim K.	A 27, 71-78 (1982)	72.20	Polloni R.	Bergamasco G.	B 34, 191-192 (1984)	42.55
Pensl G.	Hölzlein K.	A 34, 155-161 (1984)	71.55	Polyakov B.I.	Abakumov G.A.	B 27, 57-61 (1982)	33.00
Pensl G.	Schaub R.	A 34, 215-222 (1984)	71.55	Polyakov B.I.	Abakumov G.A.	B 28, 223 (1982)	82.50
Penzkofer A.	Penzkofer A.	B 29, 37-42 (1982)	42.65	Ponath H.-E.	Langbein U.	B 38, 263-268 (1985)	42.82
Penzkofer A.	Penzkofer A.	B 26, 239-242 (1981)	42.55	Ponath H.-E.	Langbein U.	B 36, 187-193 (1985)	42.82
Penzkofer A.	Penzkofer A.	B 40, 85-93 (1986)	42.65	Ponath H.-E.	Lederer F.	B 31, 69-73 (1983)	42.82
Penzkofer A.	Leupacher W.	B 29, 263-267 (1982)	42.55	Ponath H.-E.	Lederer F.	B 31, 187-190 (1983)	42.82
Penzkofer A.	Leupacher W.	B 36, 25-31 (1985)	42.65	Ponpon J.P.	Levy D.	A 38, 23-29 (1985)	68.55
Penzkofer A.	Thalhammer M.	B 32, 137-143 (1983)	42.65	Ponpon J.P.	Ponpon J.P.	A 27, 11-17 (1982)	73.30
Penzkofer A.	Graf F.	B 34, 123-128 (1984)	42.55	Ponpon J.P.	Levy D.	A 35, 141-144 (1984)	68.55
Pereira C.	Iniguez J.	A 36, 159-161 (1985)	75.30	Popa A.	Ursu I.	A 34, 133-138 (1984)	78.40
Periasamy N.	Periasamy N.	B 28, 21-23 (1982)	78.60	Popescu I.I.	Collins C.B.	B 28, 203-204 (1982)	42.60
Perrone M.R.	Luches A.	B 40, 115-120 (1986)	42.55	Popov A.K.	Popov A.K.	B 27, 63-67 (1982)	42.65
Perry B.	Perry B.	B 28, 287 (1982)	42.55	Popov A.K.	Dimov S.S.	B 30, 35-40 (1983)	42.65
Perryman G.P.	Smir A.L.	B 28, 95-96 (1982)	42.65	Popov A.K.	Makarov N.P.	B 30, 53-55 (1983)	42.65
Peschel W.	Peschel W.	A 30, 59-62 (1983)	72.40	Popov A.K.	Kiyashko V.A.	B 30, 157-159 (1983)	42.65
Petersen F.R.	Pollock C.R.	B 29, 153 (1982)	42.80	Popov A.K.	Bolotskikh L.T.	B 31, 191-192 (1983)	42.65
Petersen J.C.	Petersen J.C.	B 27, 19-25 (1982)	42.55	Popov A.K.	Lukinykh V.F.	B 34, 171-173 (1984)	42.65
Petersen J.C.	Petersen J.C.	B 34, 17-21 (1984)	42.55	Popov A.K.	Bolotskikh L.T.	B 35, 249-252 (1984)	42.65
Petersen J.C.	Petersen J.C.	B 37, 209-211 (1985)	42.55	Popov A.K.	Kiyashko V.A.	B 36, 53-54 (1985)	42.65
Petersen J.C.	Duxbury G.	B 35, 127-129 (1984)	42.55	Popov A.K.	Arkhipkin V.G.	B 37, 93-97 (1985)	42.65
Petersen K.	Hansen H.E.	A 26, 35-38 (1981)	78.70	Popov A.K.	Lukinykh V.F.	B 38, 143-146 (1985)	42.65
Petersen K.	Hansen H.E.	A 29, 99-103 (1982)	78.70	Popp H.-P.	Neiger M.	B 28, 373-381 (1982)	42.55
Petersen K.	Hansen H.E.	A 27, 247-250 (1982)	78.70	Popp H.-P.	Neiger M.	B 37, 73-78 (1985)	42.55
Petersen K.	Linderth S.	A 33, 25-28 (1984)	78.70	Poradzisz A.	Szymonski K.	A 28, 175-178 (1982)	79.20
Petersen K.	Pagh B.	A 33, 255-263 (1984)	78.70	Portniagin A.I.	Bunkin F.V.	A 37, 117-119 (1985)	82.50
Peterson G.L.	Cantrell C.D.	B 28, 257-258 (1982)	36.20	Postpieszczyk A.	Hermes P.	A 39, 9-11 (1986)	79.40
Petite G.	Wu C.K.	B 29, 175 (1982)	42.65	Pottier L.	Bouchiat M.A.	B 29, 43-54 (1982)	42.80
Petriella E.	Arecchi F.T.	B 29, 79-87 (1982)	42.50	Pouligny B.	Pouligny B.	B 28, 178-179 (1982)	42.60
Petriella E.	Arecchi F.T.	B 29, 169-170 (1982)	42.80	Poulsen O.	Poulsen O.	B 28, 90 (1982)	42.65
Petroff Y.	Robinson K.E.	B 36, 41-52 (1985)	42.55	Pozzi L.	Masilamani V.	B 27, 35-39 (1985)	42.55
Petrov Yu N.	Alexandrescu R.	B 29, 182-183 (1982)	36.00	PradoValladares JA.	Chang S.-L.	A 37, 57-64 (1985)	61.10
Petzoldt F.	Petzoldt F.	A 35, 155-159 (1984)	81.15	Pradere F.	Martino A.de	B 28, 180 (1982)	82.50
Peuriot A.L.	Alonso E.M.	B 40, 39-42 (1986)	82.50	Preiswerk H.P.	Preiswerk H.P.	B 28, 284 (1982)	42.55
Peuser P.	Peuser P.	B 38, 249-253 (1985)	32.00	Preiswerk H.P.	Preiswerk H.P.	B 33, 115-131 (1984)	42.55
Peuser P.	Ruster W.	B 30, 83-86 (1983)	07.65	Prentice L.D.	Long G.R.	B 34, 97-106 (1984)	82.50
Peuser P.	Krönert U.	B 38, 65-70 (1985)	42.80	Preuss E.	Bonzel H.P.	A 35, 1-8 (1984)	66.30
Payeva R.A.	Zartov G.D.	B 39, 111-115 (1986)	42.10	Prinke G.	Rysell H.	A 27, 239-241 (1982)	61.80
Pfah J.	Pfah J.	B 28, 112 (1982)	33.00	Prior Y.	Prior Y.	B 29, 159 (1982)	33.00
Pfannes H.-D.	Putzka A.	A 29, 1-7 (1982)	76.80	Prior Y.	Tenne R.	A 37, 205-209 (1985)	61.70
Pfeiffer J.	Pfeiffer J.	B 28, 119-120 (1982)	33.00	Prise M.E.	Smith S.D.	B 28, 132-133 (1982)	42.65
Pfeiffer J.	Pfeiffer J.	B 26, 173-177 (1981)	32.00	Proch D.	Gu Z.-y.	B 31, 157-161 (1983)	42.55
Pfeiffer Th.	Kuhl J.	A 34, 105-110 (1984)	72.20	Proch D.	Diegelmann M.	B 40, 49-58 (1986)	42.55
Pfranger R.	Plusa D.	A 40, 167-170 (1986)	75.50	Prokhorov A.M.	Ursu I.	B 29, 187-188 (1982)	52.00
Picozza P.	Pascale M.P.de	B 28, 151 (1982)	42.55	Prokhorov A.M.	Ursu I.	A 29, 209-212 (1982)	81.60
Picque J.L.	Picque J.L.	B 28, 89 (1982)	42.65	Prokhorov A.M.	Ursu I.	A 34, 133-138 (1984)	78.40
Pidgeon C.R.	Pidgeon C.R.	B 28, 288-289 (1982)	42.55	Prokhorov A.M.	Ursu I.	A 40, 227-233 (1986)	42.70
Pidgeon C.R.	Vass A.	B 27, 187-199 (1982)	42.55	Proto A.N.	Otero D.	A 29, 213-217 (1982)	72.15
Pidgeon C.R.	Vass A.	B 29, 131-134 (1982)	42.55	Protsenko E.	Kornilov S.	B 39, 135-140 (1986)	86.70
Pietrak M.E.	Fletcher A.N.	B 37, 151-157 (1985)	78.60	Provorov A.S.	Arkhipkin V.G.	B 37, 93-97 (1985)	42.65
Pietrak M.E.	Fletcher A.N.	B 27, 93-97 (1982)	78.60	Pruss D.	Pruss D.	B 28, 355-358 (1982)	42.55

Pruss D.	Beimowski A.	B 28, 234-235 (1982)	42.70	Renton B.J.	Heckenberg N.R.	B 29, 67-72 (1982)	42.55
Pryor A.W.	Eberhardt J.E.	B 27, 43-47 (1982)	42.68	Reshetin V.P.	Bolshov L.A.	B 30, 41-45 (1983)	42.80
Przedziński S.	Frackowiak J.K.	B 27, 169-173 (1982)	41.00	Ressayre E.	Berre M.Le	B 29, 179-180 (1982)	33.00
Przybyłowska H.	Godlewski M.	A 30, 105-107 (1983)	76.30	Rettner C.T.	Marinero E.E.	B 28, 114-115 (1982)	33.00
Pszczolkowska E.O.	Laridjani M.	A 34, 111-115 (1984)	61.40	Reule A.	Reule A.	A 33, 179-180 (1984)	42.80
Puff W.	Puff W.	A 27, 257-261 (1982)	78.70	Reuss J.	Veeken K.	B 34, 149-159 (1984)	34.50
Puff W.	Puff W.	A 32, 183-185 (1983)	78.70	Reuss J.	Veeken K.	B 38, 117-124 (1985)	33.70
Pummer H.	Srinivasan T.	B 28, 198-199 (1982)	42.60	Rhodes C.K.	Srinivasan T.	B 28, 198-199 (1982)	42.60
Puretzky A.A.	Puretzky A.A.	B 31, 89-96 (1983)	82.50	Rhodes C.K.	Muller D.F.	B 28, 199-200 (1982)	42.60
Puretzky A.A.	Evseev A.V.	B 36, 93-103 (1985)	82.50	Ribizzo S.	Giorgi M.	B 34, 33-35 (1984)	33.80
Puri R.R.	Puri R.R.	B 29, 174 (1982)	42.50	Ricard D.	Heinz T.F.	B 28, 229 (1982)	82.65
Putlitz G.zu	Englert M.	B 28, 81-82 (1982)	42.65	Ricard D.	Nunzi J.M.	B 35, 209-216 (1984)	42.65
Putzka A.	Putzka A.	A 29, 1-7 (1982)	76.80	Riccius H.D.	Riccius H.D.	A 35, 67-74 (1984)	71.40
				Riccius H.D.	Siemens K.J.	B 29, 155 (1982)	42.80
				Riccius H.D.	Siemens K.J.	A 35, 177-187 (1984)	71.40
				Rice S.	Rice S.	A 33, 195-198 (1984)	81.60
				Richard A.	Eschenbacher H.	A 34, 19-23 (1984)	79.20
				Richardson M.C.	Richardson M.C.	B 28, 296 (1982)	42.60
				Rich J.W.	Bergman R.C.	B 28, 188-189 (1982)	82.50
				Richter K.H.	Richter K.H.	A 32, 1-11 (1983)	42.40
				Richter W.	Richter W.	A 26, 115-124 (1981)	42.65
				Richter W.	Nowak U.	A 35, 27-34 (1984)	07.65
				Riddle K.R.	Betts R.A.	A 31, 29-35 (1983)	42.80
				Ridler P.J.	Jennings B.R.	B 28, 241-241 (1982)	87.00
				Riedle E.	Riedle E.	B 28, 118-119 (1982)	33.00
				Riegler M.	Leitner A.	B 36, 105-109 (1985)	82.65
				Ries H.	Ries H.	B 32, 153-156 (1983)	42.10
				Riesterer T.	Schlapbach L.	A 32, 169-182 (1983)	81.40
				Rife J.C.	Royt T.R.	B 28, 210-211 (1982)	85.60
				Rimini E.	Grimaldi M.G.	A 33, 107-111 (1984)	72.20
				Rinke H.	Peuser P.	B 38, 249-253 (1985)	32.00
				Ringwelski A.	Zitter R.N.	B 30, 19-21 (1983)	82.50
				Ringwelski A.	Zitter R.N.	B 30, 79-81 (1983)	82.50
				Rinke G.	Rinke G.	B 32, 83-84 (1983)	42.55
				Risken H.	Bremmayer H.-J.	B 28, 335-339 (1982)	72.20
				Risken H.	Voigtlaender K.	A 39, 31-36 (1986)	68.55
				Ritz A.	Ritz A.	A 34, 31-33 (1984)	68.45
				Ritz A.	Ritz A.	A 33, 37-41 (1984)	68.20
				Ritz A.	Ritz A.	A 31, 75-80 (1983)	71.00
				Ritze H.-H.	Radloff W.	B 38, 179-184 (1985)	33.00
				Rivano V.	Rivano V.	B 35, 71-75 (1984)	42.60
				Rivas J.	Iniguez J.	A 36, 159-161 (1985)	75.30
				Rivas J.	Iniguez J.	A 39, 287-289 (1986)	75.60
				Riviere J.P.	Riviere J.P.	A 33, 77-82 (1984)	61.80
				Rizzo J.	Richardson M.C.	B 28, 296 (1982)	42.60
				Robertson N.A.	Robertson N.A.	B 39, 149-153 (1986)	07.60
				Robertson N.A.	Kerr G.A.	B 37, 11-16 (1985)	42.60
				Robinson D.W.	Robinson D.W.	B 26, 61-66 (1981)	33.00
				Robinson K.E.	Robinson K.E.	B 36, 41-52 (1985)	42.55
				Robl T.	Roskos H.	B 40, 59-65 (1986)	07.60
				Rocca J.J.	Rocca J.J.	B 28, 239 (1982)	42.55
				Roddock I.S.	Roddock I.S.	B 32, 7-8 (1983)	42.60
				Roentgen P.	Krautle H.	A 38, 49-56 (1985)	66.30
				Roger A.	Mendez O.M.	B 32, 199-206 (1983)	42.10
				Rogers J.P.	Sujatha N.	A 32, 55-61 (1983)	68.10
				Rohart F.	Rohart F.	B 26, 23-30 (1981)	42.50
				Rohart F.	Rohart F.	B 39, 19-27 (1986)	42.65
				Rohrbeck W.	Rohrbeck W.	B 31, 139-144 (1983)	33.00
				Rohrbeck W.	Lin T.X.	B 26, 73-76 (1981)	42.55
				Roland P.A.	Zacharias H.	B 28, 113-114 (1982)	33.00
				Roman E.	Roman E.	A 35, 35-40 (1984)	81.60
				Romero R.	Otero D.	A 29, 213-217 (1982)	72.15
				Romero A.	Cohen E.	B 28, 209 (1982)	85.60
				Roosmalen O.S.	Benjamin I.	B 28, 107 (1982)	42.50
				Rosenberg A.	Ben-Aryeh Y.	B 28, 150-151 (1982)	42.55
				Roshdy N.	El-Racy M.	B 26, 251-253 (1981)	42.10
				Roskos H.	Roskos H.	B 40, 59-65 (1986)	07.60
				Roso L.	Vilaseca R.	B 34, 73-82 (1984)	42.65
				Roth M.	Albrecht D.	A 37, 37-46 (1985)	61.80
				Rothe E.W.	Rothe E.W.	B 35, 233-236 (1984)	42.60
				Rothe K.W.	Werner J.	B 32, 113-118 (1983)	42.60
				Rothmund W.	Fritzsche C.R.	A 32, 129-134 (1983)	61.80
				Rothenhäusler B.	Laxhuber L.A.	A 39, 173-181 (1986)	68.25
				Roth M.	Albrecht D.	A 37, 37-46 (1985)	61.80
				Rothschild M.	Muller D.F.	B 28, 199-200 (1982)	42.60
				Rotman S.R.	Rotman S.R.	B 28, 319-326 (1982)	07.60
				Rottke H.	Zacharias H.	B 28, 115-116 (1982)	33.00
				Rougemont F.de	Michau V.	B 39, 219-222 (1986)	42.55
				Rowe D.M.	Bhandari C.M.	A 37, 175-178 (1985)	65.00
				Rówekamp M.	Böhle H.F.	B 39, 91-95 (1986)	52.70
				Roxlo C.	Rotman S.R.	B 28, 319-326 (1982)	07.60
				Roychoudhury D.	Saha N.R.	A 32, 187-193 (1983)	72.40
				Roy S.K.	Banerjee J.P.	A 35, 125-129 (1984)	85.30
				Roychoudhury D.	Saha N.R.	A 32, 187-193 (1983)	72.40
				Rozhdestvensky Y.V.	Minogin V.G.	B 34, 161-166 (1984)	32.90
				Rozkwitalski Z.	Fischer E.	B 38, 41-49 (1985)	34.00
				Rozkwitalski Z.	Preiswerk H.P.	B 28, 284 (1982)	42.55
				Rozkwitalski Z.	Fischer E.	B 38, 79-89 (1985)	42.55
				Rozkwitalski Z.N.	Fischer E.	B 29, 144 (1982)	42.55
				Rozwadowski M.	Bukaluk A.	A 34, 193-194 (1984)	66.00

Rubinow A.N.	Rubinow A.N.	B 30, 99-104 (1983)	42.60	Scalabrin A.	Bruto Cruz C.H.	B 35, 131-133 (1984)	42.55
Rubinow A.N.	Efendiev T.Sh.	B 28, 171 (1982)	42.50	Schaefer H.-E.	Schaefer H.-E.	A 40, 145-149 (1986)	71.60
Rubinow A.N.	Efendiev T.Sh.	B 33, 167-169 (1984)	42.50	Schaefer C.	Pascale M.P.de	B 28, 151 (1982)	42.55
Rückle B.	Schomburg H.	B 30, 131-134 (1983)	42.55	Schäfer B.	Schäfer B.	B 37, 197-204 (1985)	68.30
Rückle B.	Schomburg H.	B 28, 201 (1982)	42.60	Schäfer F.P.	Schäfer F.P.	B 28, 37-41 (1982)	82.00
Ruddock I.S.	Ruddock I.S.	B 29, 177-178 (1982)	42.65	Schäfer F.P.	Schäfer F.P.	B 32, 123-125 (1983)	42.60
Ruddock I.S.	Ruddock I.S.	B 32, 7-8 (1983)	42.60	Schäfer F.P.	Müller A.	B 28, 176-177 (1982)	42.60
Ruddock I.S.	Illingworth R.	B 29, 135-138 (1982)	06.00	Schäfer F.P.	Schäfer F.P.	B 39, 1-8 (1986)	42.10
Rudolph W.	Rudolph W.	B 35, 37-44 (1984)	42.55	Schäfer F.P.	Bor Zs.	B 31, 209-213 (1983)	42.60
Rüegsegger W.	Rüegsegger W.	B 31, 9-13 (1983)	52.70	Schäfer F.P.	Periasamy N.	B 28, 21-23 (1982)	78.60
Rüegsegger W.	Rüegsegger W.	B 37, 115-135 (1985)	52.70	Schäfer F.P.	Szatmari S.	B 33, 95-98 (1984)	42.60
Rupp G.	Rupp G.	A 37, 73-82 (1985)	75.00	Schäfer F.P.	Szatmari S.	B 33, 219-223 (1984)	42.60
Rupp R.	Baltz R.von	A 32, 13-18 (1983)	42.30	Schäfer F.P.	Zhang F.-G.	B 26, 211-212 (1981)	42.70
Rupp R.A.	Rupp R.A.	B 39, 223-229 (1986)	42.40	Schäfer F.P.	Bor Zs.	B 27, 9-14 (1982)	42.60
Rupp R.A.	Kukhtarev N.V.	B 35, 17-21 (1984)	42.70	Schäfer F.P.	Bor Zs.	B 27, 77-81 (1982)	42.60
Rusbüldt D.	Berres W.	B 35, 83-93 (1984)	32.80	Schermann A.	Böhm M.	A 37, 165-170 (1985)	71.00
Rushford M.C.	Gibbs H.M.	B 29, 171-172 (1982)	42.80	Schermann A.	Grexa M.	B 35, 145-148 (1984)	42.80
Russell P.St.J.	Russell P.St.J.	B 39, 231-246 (1986)	42.10	Schattschneider P.	Schattschneider P.	A 31, 81-86 (1983)	61.10
Russell P.St.J.	Benlari B.	B 28, 63-72 (1982)	42.10	Schattschneider P.	Semerad E.	A 26, 247-253 (1981)	61.10
Russell P.St.J.	Benlari B.	B 28, 383-390 (1982)	42.10	Schatzberg A.	Altman C.	B 26, 147-153 (1981)	42.10
Russell P.St.J.	Russell P.St.J.	B 26, 37-42 (1981)	42.80	Schatzberg A.	Altman C.	B 28, 327-333 (1982)	42.10
Russell P.St.J.	Russell P.St.J.	B 26, 89-98 (1981)	42.80	Schätzlein E.	Schätzlein E.	B 27, 49-55 (1982)	42.55
Rustagi K.C.	Mehendale S.C.	B 32, 217-223 (1983)	42.65	Schaub R.	Schaub R.	A 34, 215-222 (1984)	71.55
Ruster W.	Ruster W.	B 30, 83-86 (1983)	07.65	Schaupt K.	Albrecht D.	A 37, 37-46 (1985)	61.80
Ruster W.	Krönert U.	B 38, 65-70 (1985)	42.80	Schawlow A.L.	Rand S.C.	B 28, 282 (1982)	42.80
Ruster W.	Peuser P.	B 38, 249-253 (1985)	32.00	Schellenberg F.M.	Moerner W.E.	B 28, 263-264 (1982)	73.00
Rutt H.N.	Rutt H.N.	B 28, 286 (1982)	42.55	Schellenberg F.M.	Bjorklund G.C.	B 28, 299-300 (1982)	32.00
Rybka V.	Voves J.	A 37, 225-229 (1985)	61.70	Schellhorn M.	Bronner W.	B 34, 11-15 (1984)	33.80
Rychov M.V.	Zadkov V.N.	B 34, 167-170 (1984)	42.65	Schell-Sorokin A.J.	Schell-Sorokin A.J.	B 28, 226-227 (1982)	82.50
Rysel H.	Rysel H.	A 27, 239-241 (1982)	61.80	Schell-Sorokin A.J.	Schell-Sorokin A.J.	A 39, 13-20 (1986)	73.20
Rytz-Froidevaux Y.	Rytz-Froidevaux Y.	A 27, 133-138 (1982)	68.55	Schenzle A.	Schenzle A.	B 28, 297 (1982)	32.00
Rytz-Froidevaux Y.	Rytz-Froidevaux Y.	A 37, 121-138 (1985)	81.40	Schenzle A.	Genack A.Z.	B 28, 276-277 (1982)	42.80
Ryu K.-S.	Yun S.I.	B 40, 95-98 (1986)	42.68	Schenzle A.	Graham R.	B 29, 149 (1982)	42.50
Sealmüller J.	Nowak U.	A 35, 27-34 (1984)	07.65	Schermann J.P.	Vedel M.	B 34, 229-235 (1984)	07.75
Sacchi C.A.	Docchio F.	B 28, 244 (1982)	87.00	Scherzer B.M.U.	Chen C.K.	A 33, 265-268 (1984)	79.20
Sachs G.	Dormann E.	A 30, 227-231 (1983)	76.30	Scherzer B.M.U.	Borgesen P.	A 27, 183-195 (1982)	79.20
Saha N.R.	Saha N.R.	A 32, 187-193 (1983)	72.40	Schilling M.	Chen C.K.	A 31, 37-44 (1983)	79.20
Saha S.K.	Saha S.K.	B 28, 298 (1982)	42.80	Schink H.J.	Weber E.W.	B 32, 63-73 (1983)	52.70
Saidoh M.	Saidoh M.	A 40, 197-202 (1986)	79.20	Schlag E.W.	Schink H.J.	A 36, 15-18 (1985)	65.00
Saiti K.	Saiti K.	A 27, 263-268 (1982)	61.80	Schlag E.W.	Henke W.E.	B 28, 277-278 (1982)	33.00
Saito H.	Iyoda M.	B 28, 285-286 (1982)	42.55	Schlapbach L.	Riedle E.	B 28, 118-119 (1982)	33.00
Saito K.	Kajiyama K.	B 38, 139-142 (1985)	81.15	Schlapp W.	Schlapbach L.	A 32, 169-182 (1983)	81.40
Saito N.	Saito N.	A 35, 214-247 (1984)	72.40	Schlicher R.	Weimann G.	A 37, 139-143 (1985)	68.55
Saito N.	Saito N.	A 38, 37-43 (1985)	73.60	Schmailz J.	Becker W.	B 28, 310 (1982)	42.60
Sakata I.	Sakata I.	A 39, 277-286 (1986)	86.30	Schmidt A.J.	Penzkofer A.	B 29, 37-42 (1982)	42.65
Sakata I.	Sakata I.	A 37, 153-164 (1985)	86.30	Schmidt E.	Marowsky G.	B 34, 69-72 (1984)	42.65
Sakata I.	Sakata I.	A 40, 171-176 (1986)	73.60	Schmidt E.	Neiger M.	B 28, 373-381 (1982)	42.55
Sakurai T.	Kurosawa T.	B 34, 49-53 (1984)	42.65	Schmidt M.	Ohlidal I.	A 29, 157-162 (1982)	78.65
Salathe R.P.	Rytz-Froidevaux Y.	A 27, 133-138 (1982)	68.55	Schmidt M.	Schmidt M.	B 28, 208 (1982)	85.60
Salathe R.P.	Rytz-Froidevaux Y.	A 37, 121-138 (1985)	81.40	Schmidt M.	Schmidt M.	A 28, 211-214 (1982)	78.35
Salavan F.	Cros A.	A 28, 241-245 (1982)	81.60	Schmidt P.H.	Dautartas M.F.	A 36, 71-79 (1985)	42.30
Salah H.A.	El-Nimer M.K.	A 38, 67-75 (1985)	76.00	Schmiedl E.	Schmiedl E.	A 35, 13-17 (1984)	73.60
Salemink H.W.M.	Salemink H.W.M.	B 34, 187-189 (1984)	42.68	Schmiele R.	Schmiele R.	B 29, 201-203 (1982)	42.55
Salas B.C.	Salas B.C.	A 31, 115-117 (1983)	75.00	Schmitt K.	Schmitt K.	A 38, 61-65 (1985)	78.45
Salieri P.	Aracchi F.T.	B 29, 79-87 (1982)	42.50	Schmitt K.	Nikolaus B.	B 36, 213-216 (1985)	42.55
Salimbeni R.	Aracchi F.T.	B 29, 169-170 (1982)	42.80	Schneckenburger H.	Schneckenburger H.	A 26, 23-26 (1981)	87.60
Salomon Ch.	Pini R.	B 29, 168 (1982)	42.65	Schneider G.	Laxhuber L.A.	A 39, 173-181 (1986)	68.25
Salomon Ch.	Salomon Ch.	B 29, 153-155 (1982)	42.80	Schneider J.	Windscheif J.	A 30, 47-49 (1983)	78.60
Salour M.M.	Borde Ch.J.	B 28, 82-83 (1982)	42.65	Schneider S.	Dose V.	A 40, 203-207 (1986)	07.75
Salour M.M.	Salour M.M.	B 28, 211 (1982)	85.60	Schneider W.	Mindl T.	B 31, 201-207 (1983)	42.65
Salour M.M.	Woods C.L.	A 40, 177-182 (1986)	61.10	Schnitzke K.	Schneider W.	A 28, 45-51 (1982)	78.20
Salutiel S.M.	Rotman S.R.	B 28, 319-326 (1982)	07.60	Schoetzau H.J.	Uzel Y.	A 30, 185-187 (1983)	85.25
Salutiel S.M.	Saltiel S.M.	B 35, 45-48 (1984)	42.80	Scholz R.	Krause N.	A 30, 67-71 (1983)	85.25
Salutiel S.M.	Saltiel S.M.	B 40, 25-27 (1986)	42.80	Schomburg H.	Graf H.P.	B 36, 33-40 (1985)	52.00
Salvan F.	Derrien J.	A 28, 247-250 (1982)	68.55	Schomburg H.	Scholz R.	B 28, 191-192 (1982)	07.65
Saltes A.	Contour J.P.	B 38, 45-47 (1985)	81.40	Schomburg H.	Schomburg H.	B 30, 131-134 (1983)	42.55
Samokhin A.A.	Korotchenkov A.I.	A 27, 121-124 (1982)	64.00	Schotanus P.	Salemink H.W.M.	B 28, 201 (1982)	42.60
Sande M.van	Sande M.van	A 40, 257-261 (1986)	29.00	Schützau H.J.	Rüegsegger W.	B 34, 187-189 (1984)	42.68
Sankey O.F.	Ren S.-F.	A 33, 269-272 (1984)	77.55	Schötzau H.J.	Rüegsegger W.	B 31, 9-13 (1983)	52.70
Sannomya H.	Saito N.	A 35, 214-247 (1984)	72.40	Schou J.	Rüegsegger W.	B 37, 115-135 (1985)	52.70
Sargis J.	Kitagawa M.	A 26, 151-156 (1981)	78.60	Schrepp W.	Borgesen P.	A 29, 57-61 (1982)	79.20
Sargent III M.	Lu M.	B 28, 255 (1982)	42.55	Schrepp W.	Schrepp W.	B 32, 207-209 (1983)	78.20
Sarger L.	Couillaud B.	B 29, 143-144 (1982)	42.60	Stumpe R.	Schrepp W.	B 34, 203-206 (1984)	78.20
Sario M.de	Sario M.de	B 35, 23-30 (1984)	42.80	Schröder B.	Schink H.J.	A 36, 15-18 (1985)	65.00
Sarkar S.K.	Parthasarathy V.	B 39, 187-190 (1986)	82.50	Schröder H.	Schröder H.	B 28, 180-181 (1982)	82.50
Sato S.	Iyoda M.	B 28, 285-286 (1982)	42.55	Schröder H.	Schröder H.	A 38, 227-233 (1985)	33.00
Satooka S.	Takeuchi K.	B 33, 83-90 (1984)	82.50	Schröder H.	Baev V.M.	B 28, 289 (1982)	42.55
Sattelberger P.	Peuser P.	B 38, 249-253 (1985)	32.00	Schröder Ch.	Kranz J.	B 34, 139-143 (1984)	42.80
Sauer R.	Sauer R.	A 36, 1-13 (1985)	78.55	Schröder Ch.	Kranz J.	A 31, 59-63 (1983)	78.20
Sauerbrey R.	Tittel F.K.	B 29, 148 (1982)	42.55	Schubert D.	Schubert D.	B 28, 179 (1982)	42.60
Sauerbrey R.	Schätzlein E.	B 27, 49-55 (1982)	42.55	Schubert E.F.	Schubert E.F.	A 33, 63-76 (1984)	68.55
Sauerbrey R.	Walter W.	B 35, 11-15 (1984)	42.55	Schubert E.F.	Schubert E.F.	A 33, 183-193 (1984)	72.20
Saunders N.	Kambli U.	A 36, 189-192 (1985)	61.40	Schubert H.	Tacke M.	A 28, 229-233 (1982)	77.00
Sauter E.G.	Sauter E.G.	B 27, 137-139 (1982)	42.10	Schuessler H.A.	Chun-Sing O.	B 27, 129-135 (1982)	07.75
Savage-Simkin M.	Messies J.	A 32, 27-30 (1983)	61.70	Schultz A.	Schultz A.	B 29, 255-262 (1982)	42.65
Savatin S.Yu.	Golberg S.M.	B 31, 85-88 (1983)	82.50	Schultz P.J.	Vehanen A.	A 32, 163-167 (1983)	78.70
Savatnova I.	Savatnova I.	A 31, 187-190 (1983)	42.82	Schultz P.J.	Lynn K.G.	A 37, 31-36 (1985)	61.70
Savatnova I.	Savatnova I.	A 36, 113-116 (1985)	42.82	Schulz M.	Lynn K.G.	A 38, 293 (1985)	61.70
Savchenko S.K.	Gerassimov R.B.	B 28, 266 (1982)	82.00	Schulz M.	Geim K.	A 27, 71-78 (1982)	72.20
Sawada R.	Sawada R.	A 31, 109-114 (1983)	61.70	Schulz M.	Zhou B.L.	A 28, 223-227 (1982)	72.40
					Peschel W.	A 30, 59-62 (1983)	72.40

Schulz M.	Hofmann K.	A 33, 19-24 (1984)	61.70	Shcherbakov I.A.	Pruss D.	B 28, 355-358 (1982)	42.55
Schulz M.	Hölzlein K.	A 34, 155-161 (1984)	71.55	She C.Y.	She C.Y.	B 33, 195-204 (1984)	06.30
Schulz M.	Schaub R.	A 34, 215-222 (1984)	71.55	She C.Y.	She C.Y.	B 32, 49-52 (1983)	42.60
Schulz S.	Bucher E.	A 40, 71-77 (1986)	73.40	Shelby R.M.	Shelby R.M.	B 28, 262 (1982)	78.00
Schulze H.-J.	Schulze H.-J.	A 34, 243-247 (1984)	74.90	Shemwell D.M.	Collins C.B.	B 28, 203-204 (1982)	42.60
Schuböcker D.	Schuböcker D.	B 40, 9-14 (1986)	81.40	Shen C.C.	Pande K.P.	A 28, 123-124 (1982)	85.30
Schuster B.	Stolwijk N.A.	A 33, 133-140 (1984)	61.70	Shen K.P.	Chiu M.S.	B 37, 63-65 (1985)	82.65
Schwab C.	Alimpiev S.S.	B 35, 1-5 (1984)	82.50	Shen S.C.	Shen S.C.	A 28, 215-221 (1982)	61.40
Schwalm U.	Schwalm U.	B 30, 149-152 (1983)	07.77	Shun Y.R.	Durbin S.D.	B 28, 145 (1982)	42.65
Schwarz J.	Schubert D.	B 28, 179 (1982)	42.60	Shen Y.R.	Heinz T.F.	B 28, 229 (1982)	82.65
Schwarz R.	Schaefer H.-E.	A 40, 145-149 (1986)	71.60	Shepard S.	Khoi I.C.	B 28, 140-141 (1982)	42.65
Schwarzwald R.	Englert M.	B 28, 81-82 (1982)	42.65	Shiba K.	Arisawa T.	B 28, 73-76 (1982)	35.00
Schweer B.	Schweer B.	A 29, 53-55 (1982)	79.20	Shibanov A.N.	Antonov V.S.	B 28, 245 (1982)	82.65
Schwoerer M.	Richter K.H.	A 32, 1-11 (1983)	42.40	Shields H.	Shields H.	B 35, 167-172 (1984)	42.55
Schwoerer M.	Dormann E.	A 30, 227-231 (1983)	76.30	Shields H.	Shields H.	B 31, 27-35 (1983)	52.00
Scotles G.	Borde Ch.J.	B 28, 82-83 (1982)	42.65	Shields H.	Shields H.	B 37, 219-221 (1985)	42.55
Scordino A.	Barbarino S.	A 29, 77-80 (1982)	78.20	Shimizu M.	Takubo Y.	B 27, 141-144 (1982)	42.65
Scotoni M.	Bassi D.	B 26, 99-103 (1981)	34.50	Shimizu F.	Shimizu F.	B 28, 297-298 (1982)	32.00
Scott A.M.	Scott A.M.	B 29, 174-175 (1982)	42.65	Shimizu K.	Midorikawa K.	B 38, 185-189 (1985)	42.55
Scott G.	Scott G.	B 33, 99-101 (1984)	42.60	Shimizu T.	Tachikawa M.	B 39, 83-90 (1986)	42.55
Scott M.G.	Scott M.G.	A 36, 103-111 (1985)	61.80	Shing W.P.	Indebetouw G.	B 27, 69-76 (1982)	42.30
Scott S.J.	Scott S.J.	B 33, 1-5 (1984)	42.55	Shiraga H.	Yamanaka T.	B 28, 272-273 (1982)	51.00
Scudieri F.	Vitali G.	A 35, 233-239 (1984)	61.70	Shirai Y.	Shirai Y.	A 37, 65-72 (1985)	61.70
Scully M.O.	Becker W.	B 28, 150 (1982)	42.55	Shreter U.	Koren G.	B 28, 188 (1982)	82.50
Scully M.O.	Becker W.	B 28, 310 (1982)	42.60	Shuker R.	Golub I.	B 31, 75-78 (1983)	42.60
Scuri F.	Carusotto S.	B 36, 125-131 (1985)	42.80	Shukuri S.	Tamura M.	A 39, 183-190 (1986)	61.70
Seaton C.T.	Firth W.J.	B 28, 131-132 (1982)	42.65	Shvartsburg A.B.	Karlov N.V.	B 36, 77-81 (1985)	42.65
Seaton C.T.	Smith S.D.	B 28, 132-133 (1982)	42.65	Shvarts K.K.	Augustov P.A.	A 29, 169-172 (1982)	78.20
Seddon N.	Baker H.J.	B 36, 171-175 (1985)	42.55	Sibbett W.	Sibbett W.	B 29, 191-193 (1982)	42.55
Seedorf R.	Eichler H.J.	B 36, 5-10 (1985)	42.55	Sibbett W.	Gomes A.S.L.	B 39, 43-46 (1986)	42.10
Seeger A.	Seeger A.	A 27, 171-176 (1982)	61.70	Sibilla C.	May P.G.	B 26, 179-183 (1981)	42.55
Seel R.	Bogner U.	B 29, 152 (1982)	42.80	Sibilla C.	Bertolotti M.	A 37, 109-116 (1985)	79.20
Seely J.F.	Seely J.F.	B 31, 37-43 (1983)	52.50	Sibilla C.	Bertolotti M.	B 34, 221-228 (1984)	42.55
Segal M.	Segal M.	B 30, 95-98 (1983)	42.30	Sidorski Z.	Sidorski Z.	A 33, 213-225 (1984)	68.55
Segers D.	Segers D.	A 27, 129-132 (1982)	61.70	Siegmund A.E.	Faucher P.M.	A 32, 135-140 (1983)	42.65
Segers D.	Segers D.	A 36, 179-182 (1985)	78.70	Siegmund A.E.	Trebino R.	B 28, 250 (1982)	42.80
Seggern H.von	Seggern H.von	A 34, 163-166 (1984)	72.20	Siegmund A.E.	Yao J.-q.	B 30, 11-18 (1983)	42.65
Segner J.	Frenkel F.	B 28, 265 (1982)	78.00	Siegmund A.E.	Behn R.	B 29, 143 (1982)	42.60
Segovia J.L. de	Roman E.	A 35, 35-40 (1984)	81.60	Siegmund A.E.	Siekhau W.J.	B 28, 142-143 (1982)	42.65
Seguin H.J.J.	Seguin H.J.J.	B 33, 239-241 (1984)	07.62	Siekhau W.J.	Siekhau W.J.	A 39, 163-166 (1986)	79.40
Seguin H.J.J.	Antonik D.M.	B 35, 155-162 (1984)	42.55	Stelanko J.	Jaworska D.	A 35, 119-124 (1984)	61.70
Seguin H.J.J.	Capjack C.E.	B 26, 161-167 (1981)	52.80	Siemens K.J.	Siemens K.J.	B 29, 155 (1982)	42.80
Seguin V.A.	Seguin H.J.J.	B 33, 239-241 (1984)	07.62	Siemens K.J.	Siemens K.J.	A 35, 177-187 (1984)	71.40
Seguin V.A.	Capjack C.E.	B 26, 161-167 (1981)	52.80	Riccius H.D.	Riccius H.D.	A 35, 67-74 (1984)	71.40
Segura A.	Segura A.	A 31, 139-145 (1983)	71.55	Chraplyvy A.R.	Chraplyvy A.R.	B 28, 264 (1982)	78.00
Seiler D.G.	Seiler D.G.	B 28, 147 (1982)	42.65	Slaoui A.	Slaoui A.	A 39, 159-162 (1986)	61.70
Seilmeier A.	Wondrazek F.	B 32, 39-42 (1983)	42.60	Mesli A.	Mesli A.	A 31, 147-152 (1983)	61.80
Seilmeier A.	Polland H.J.	B 32, 53-57 (1983)	42.55	Grob J.J.	Grob J.J.	A 35, 161-167 (1984)	34.00
Seilmeier A.	Roskos H.	B 40, 59-65 (1986)	07.60	Fogarassy E.	Fogarassy E.	A 37, 221-224 (1985)	85.30
Seka W.	Seka W.	B 28, 290 (1982)	50.00	Zundel T.	Zundel T.	A 40, 67-69 (1986)	66.30
Seka W.	Goldman L.M.	B 28, 292 (1982)	50.00	Toulemonde M.	Toulemonde M.	A 36, 31-36 (1985)	65.00
Seka W.	Keck R.L.	B 28, 290-291 (1982)	50.00	Eidmann K.	Eidmann K.	B 28, 295 (1982)	42.60
Seka W.	Tanaka K.	B 28, 291 (1982)	50.00	Sigmund P.	Sigmund P.	A 34, 247 (1984)	79.20
Sekiguchi H.	Suzuki T.	B 39, 247-250 (1986)	07.00	Sigmund P.	Sigmund P.	A 33, 141-152 (1984)	79.20
Selfridge R.	Selfridge R.	B 37, 7-9 (1985)	42.55	Sigmund P.	Sigmund P.	A 30, 43-46 (1983)	61.80
Selzle H.L.	Henke W.E.	B 28, 277-278 (1982)	33.00	Sigmund P.	Sigmund P.	A 35, 19-25 (1984)	68.45
Semchishen V.A.	Letokhov V.S.	B 26, 243-245 (1981)	87.00	Signerski R.	Kalinowski J.	A 31, 215-220 (1983)	78.60
Semerad E.	Semerad E.	A 26, 247-253 (1981)	61.10	Sigrist M.W.	Sigrist M.W.	B 28, 146 (1982)	42.65
Senior T.B.A.	Senior T.B.A.	B 29, 117-124 (1982)	78.30	Sikra B.	Naspurek S.	A 30, 223-226 (1983)	72.40
Senior T.B.A.	Ksienski D.A.	B 38, 225-231 (1985)	42.68	Silsbee R.H.	Chraplyvy A.R.	B 28, 264 (1982)	78.00
Sen P.	Gupta A.Sen	A 40, 95-99 (1986)	61.80	Silvest W.T.	Silvest W.T.	B 29, 147 (1982)	42.55
Sens B.	Kopatinsky B.	B 29, 15-18 (1982)	32.00	Silvestri S.de	Andreoni A.	B 28, 243-244 (1982)	87.00
Sens B.	Polland H.J.	B 32, 53-57 (1983)	42.55	Simon M.	Müller G.	A 29, 63-68 (1982)	72.40
Seo H.J.	Yun S.I.	B 40, 95-98 (1986)	42.68	Simonov A.P.	Abakumov G.A.	B 27, 57-61 (1982)	33.00
Serin N.	Serin N.	A 36, 209-212 (1985)	73.40	Simonov A.P.	Abakumov G.A.	B 28, 223 (1982)	82.50
Servidori M.	Servidori M.	A 39, 191-195 (1986)	61.70	Simov S.	Danesh P.	A 39, 297-299 (1986)	61.10
Sexton B.A.	Sexton B.A.	A 26, 1-18 (1981)	68.20	Simpson T.B.	Simpson T.B.	B 28, 181-182 (1982)	82.50
Sferlazzo P.	Sferlazzo P.	A 36, 93-95 (1985)	78.70	Singer S.	Singer S.	B 28, 269 (1982)	52.00
Shafeyev G.A.	Bunkin F.V.	A 37, 117-119 (1985)	82.50	Singh A.	Singh A.	A 40, 91-93 (1986)	68.25
Shafeyev G.A.	Bunkin N.F.	A 40, 159-162 (1986)	66.30	Singh P.	Bhattacharya P.K.	A 39, 147-153 (1986)	79.20
Shahdin S.	Shahdin S.	B 29, 195-200 (1982)	42.55	Singru R.M.	Krishna Gandhi K.R.	B 28, 119-122 (1982)	71.25
Shakir S.A.	Shakir S.A.	A 29, 151-155 (1982)	02.00	Sinitsyn G.V.	Karpushko F.V.	B 28, 137 (1982)	42.65
Shakkour N.	Speiser S.	B 38, 191-197 (1985)	35.00	Siomos K.	Siomos K.	B 28, 225-226 (1982)	82.50
Shalaev V.M.	Popov A.K.	B 27, 63-67 (1982)	42.65	Siruktaitis V.	Bareika B.	B 29, 176 (1982)	42.65
Shanahan S.T.	Heckenberg N.R.	B 29, 67-72 (1982)	42.55	Sissakian E.V.	Karlov N.V.	B 36, 77-81 (1985)	42.65
Shank C.V.	Fork R.L.	B 29, 176 (1982)	42.60	Sitte, W.	Sitte, W.	A 38, 31-36 (1985)	64.70
Shao D.-S.	Cao W.-L.	B 28, 213-214 (1982)	85.60	Mandelis A.	Mandelis A.	A 33, 153-159 (1984)	68.00
Shapiro M.	Prior Y.	B 29, 159 (1982)	33.00	Bala W.	Bala W.	A 37, 231-236 (1985)	78.60
Shapiro S.L.	Svenberg C.E.	B 28, 240-241 (1982)	87.00	Bala W.	Bala W.	A 37, 231-236 (1985)	78.60
Sharaf K.A.	Abou El Ela A.H.	A 26, 203-206 (1981)	61.20	Bukaluk A.	Bukaluk A.	A 34, 193-194 (1984)	66.00
Sharfin W.	Wallace S.	B 28, 278-279 (1982)	36.00	Sizer II Th.	Sizer II Th.	B 28, 248 (1982)	42.55
Sharma A.K.	Sharma A.K.	A 34, 69-71 (1984)	73.60	Skatrud D.D.	Skatrud D.D.	B 35, 179-193 (1984)	42.55
Sharma B.L.	Quamara J.K.	A 35, 267-270 (1984)	72.20	Skippon S.M.	Skippon S.M.	B 37, 223-227 (1985)	34.90
Sharma B.L.	Bhardwaj R.P.	A 32, 211-215 (1983)	72.20	Skolaut W.	Baving H.J.	B 29, 19-21 (1982)	42.60
Shatkey M.	Tenne R.	B 35, 243-247 (1984)	61.70	Skolaut W.	Baving H.J.	B 33, 75-77 (1984)	42.30
Shaw M.J.	Shaw M.J.	B 28, 127 (1982)	42.60	Skvortsov M.N.	Belyayev M.V.	B 26, 67-72 (1981)	42.65
Shaw M.J.	Shaw M.J.	B 30, 5-10 (1983)	42.60	Slabko V.V.	Lukinykh V.F.	B 34, 171-173 (1984)	42.65
Shcherbakov I.A.	Struve B.	B 30, 117-120 (1983)	42.55	Slabko V.V.	Lukinykh V.F.	B 38, 143-146 (1985)	42.65
Shcherbakov I.A.	Struve B.	B 28, 235-236 (1982)	42.70	Slaoui A.	Slaoui A.	A 39, 159-162 (1986)	61.70
Shcherbakov I.A.	Beimowski A.	B 28, 234-235 (1982)	42.70	Slater J.	Slater J.	B 28, 153-154 (1982)	42.55

Slatkine M.	Slatkine M.	B 28, 125 (1982)	42.60	Starodumov Yu.M.	Ursu I.	A 40, 227-233 (1986)	42.70
Slatkine M.	Bigio I.J.	B 28, 156 (1982)	42.65	Steel D.G.	Steel D.G.	B 28, 160-161 (1982)	42.65
Slavov S.H.	Slavov S.H.	A 29, 173-175 (1982)	77.60	Steel D.G.	Lam J.F.	B 28, 190-191 (1982)	07.65
Slavov S.H.	Slavov S.H.	A 40, 59-65 (1986)	62.00	Stefanini G.	Iacopini E.	A 32, 63-67 (1983)	42.80
Slavov S.H.	Apostolov A.V.	A 29, 33-37 (1982)	62.00	Stefanini G.	Carusotto S.	B 36, 125-131 (1985)	42.80
Sliazak V.B.	Alonso E.M.	B 40, 39-42 (1986)	82.50	Stefanov I.L.	Dinev S.G.	B 39, 65-72 (1986)	42.60
Slinger C.W.	Slinger C.W.	B 36, 217-224 (1985)	42.40	Steffen B.	Bonzel H.P.	A 35, 1-8 (1984)	66.30
Slobodin D.	Schaefer H.-E.	A 40, 145-149 (1986)	71.60	Stehle R.	Warta W.	A 36, 163-170 (1985)	72.80
Slovak R.	Albanese G.	A 26, 45-50 (1981)	75.50	Stein H.	Stein H.	B 29, 189 (1982)	82.20
Smalley R.E.	Cox D.M.	B 28, 187 (1982)	82.50	Steinbrüchel Ch.	Steinbrüchel Ch.	A 36, 37-42 (1985)	79.20
Smirl A.L.	Smirl A.L.	B 28, 95-96 (1982)	42.65	Steiner M.	Daniel H.-U.	B 26, 19-21 (1981)	06.30
Smirl A.L.	Stryland E.W.van	B 29, 159-160 (1982)	42.10	Steiner M.	Daniel H.-U.	B 30, 189-193 (1983)	06.30
Smirnov V.S.	Kazantsev A.P.	B 27, 83-91 (1982)	42.65	Steinfeld J.I.	Francisco J.S.	B 28, 184-185 (1982)	82.50
Smir P.H.	Scott G.	A 28, 113-117 (1982)	76.80	Stenersen K.	Jain R.K.	B 35, 49-57 (1984)	42.65
Smith A.L.S.	Scott S.J.	B 33, 1-5 (1984)	42.55	Stensland L.	Kivaisi R.T.	A 27, 233-238 (1982)	78.20
Smith A.L.S.	Scott G.	B 33, 99-101 (1984)	42.60	StephanRossbach KH.	StephanRossbach KH.	B 29, 147-148 (1982)	42.55
Smith A.L.S.	Smith A.L.S.	B 37, 171-179 (1985)	42.55	Stephan J.H.	French I.D.	A 31, 19-22 (1983)	61.40
Smith A.L.S.	Shields H.	B 37, 219-221 (1985)	42.55	Stephenson J.C.	Stephenson J.C.	B 28, 182-183 (1982)	82.50
Smith G.B.	Smith G.B.	A 36, 194-204 (1985)	68.20	Stepisnik J.	Stepisnik J.	B 29, 151-152 (1982)	42.50
Smith P.W.	Miller D.A.B.	B 28, 96-97 (1982)	42.65	Storn M.B.	Wokaun A.	B 28, 230-231 (1982)	68.00
Smith P.W.	Smith P.W.	B 28, 138-139 (1982)	42.65	Stort V.	Radloff W.	B 38, 179-184 (1985)	33.00
Smith P.W.	Ashkin A.	B 28, 142 (1982)	42.65	Stewart R.	Dahlbacka G.	B 28, 152-153 (1982)	42.55
Smith P.W.	Auston D.H.	B 28, 249 (1982)	42.80	Stöcklein W.	Dormann E.	A 30, 227-231 (1983)	76.30
Smith S.D.	Firth W.J.	B 28, 131-132 (1982)	42.65	Stoilov Yu.Yu.	Stoilov Yu.Yu.	B 33, 63-74 (1984)	42.60
Smith S.D.	Smith S.D.	B 28, 132-133 (1982)	42.65	Stoll H.	Stoll H.	A 30, 117-122 (1983)	61.70
Smith S.D.	Kar A.K.	B 29, 145-146 (1982)	42.55	Stolwijk N.A.	Stolwijk N.A.	A 33, 133-140 (1984)	61.70
Smith T.I.	Smith T.I.	B 27, 195-199 (1982)	41.80	Stolwijk N.A.	Stolwijk N.A.	A 39, 37-48 (1986)	61.70
Smith T.I.	Pantell R.H.	B 28, 154 (1982)	42.55	Stolz J.	Sauer R.	A 36, 1-13 (1985)	78.55
Smir P.H.	Smir P.H.	A 28, 113-117 (1982)	76.80	Stolz J.	Stolz W.	A 38, 97-102 (1985)	68.55
Snell A.J.	Snell A.J.	A 26, 83-86 (1981)	85.30	Storz R.H.	Bucksbaum P.H.	B 28, 128 (1982)	42.60
Snell A.J.	Snell A.J.	A 34, 175-178 (1984)	61.40	Strawinski L.	Strawinski L.	A 40, 247-251 (1986)	81.40
Snell A.J.	French I.D.	A 31, 19-22 (1983)	61.40	Strigazzi A.	Barbero G.	A 31, 55-57 (1983)	61.30
Snell A.J.	Mackenzie K.D.	A 31, 87-92 (1983)	61.40	Strini G.	Strini G.	B 28, 109 (1982)	42.50
Snyder J.J.	Snyder J.J.	B 32, 25-31 (1983)	42.65	Stritzker B.	Hermes P.	A 39, 9-11 (1986)	79.40
Sobolev N.N.	Bakanov D.G.	B 28, 288 (1982)	42.55	Stritzker B.	Hofer W.O.	A 30, 83-86 (1983)	79.20
Soeya T.	Soeya T.	A 27, 125-127 (1982)	78.55	Strugalski Z.	Baber N.	A 33, 209-211 (1984)	61.30
Soeya T.	Morimoto J.	A 28, 93-97 (1982)	78.55	Strumia F.	Beverini N.	B 29, 161 (1982)	42.65
Sohler W.	Regener R.	B 36, 143-147 (1985)	42.82	Strumia F.	Inguscio M.	B 40, 165-169 (1986)	06.00
Solileau M.J.	Stryland E.W.van	B 29, 159-160 (1982)	42.10	Strumia F.	Inguscio M.	B 28, 88-89 (1982)	42.65
Sokolov V.P.	Kazantsev A.P.	B 27, 83-91 (1982)	42.65	Strumia F.	Beverini N.	B 26, 57-60 (1981)	33.00
Solajic Z.	Solajic Z.	B 33, 23-27 (1984)	42.55	Strumia F.	Beverini N.	B 37, 17-29 (1985)	32.00
Solajic Z.	Happner J.	B 35, 77-82 (1984)	42.55	Strumia F.	Ioli N.	B 38, 23-30 (1985)	42.55
Solimeno S.	Luchini P.	B 28, 15-20 (1982)	42.55	Struve B.	Struve B.	B 30, 117-120 (1983)	42.55
Sollinger M.	Eichler H.J.	B 36, 5-10 (1985)	42.55	Struve B.	Struve B.	B 28, 235-236 (1982)	42.70
Soltanmoradi F.	Hamadani S.M.	B 29, 186 (1982)	42.60	Struve B.	Struve B.	B 36, 195-201 (1985)	78.40
Solymar L.	Syms R.R.A.	B 30, 177-182 (1983)	42.30	Stryland E.W.van	Stryland E.W.van	B 29, 159-160 (1982)	42.10
Solymar L.	Syms R.R.A.	B 32, 165-173 (1983)	42.30	Strzalkowski I.	Strzalkowski I.	A 40, 123-127 (1986)	73.40
Solymar L.	Benlarbi B.	B 28, 63-72 (1982)	42.10	Strzalkowski I.	Marczewski M.	A 29, 233-236 (1982)	73.40
Solymar L.	Benlarbi B.	B 28, 383-390 (1982)	42.10	Stuck R.	Levy D.	A 38, 23-29 (1985)	68.55
Solymar L.	Slinger C.W.	B 36, 217-224 (1985)	42.40	Stuessi H.	Braun M.	A 28, 25-33 (1982)	68.00
Somoza A.	Otero D.	A 29, 213-217 (1982)	72.15	Stuhrmann H.	Albrecht D.	A 37, 37-46 (1985)	61.80
Sorensen H.	Borgesen P.	A 29, 57-61 (1982)	79.20	Stuke M.	Fantoni R.	B 38, 209-218 (1985)	07.75
Sormann H.	Puff W.	A 27, 257-261 (1982)	78.70	Stuke M.	Sumida D.	B 28, 222-223 (1982)	82.50
Sormann H.	Puff W.	A 32, 183-185 (1983)	78.70	Stumpe R.	Sumida D.	B 34, 203-206 (1984)	78.20
Sorokin P.P.	Schell-Sorokin A.J.	B 28, 226-227 (1982)	82.50	Stumpe R.	Schrepp W.	B 32, 207-209 (1983)	78.20
Souma H.	Tashiro H.	B 34, 37-41 (1984)	42.55	Stupak A.P.	Rubinow A.N.	B 30, 99-104 (1983)	42.60
Sources J.	Richardson M.C.	B 28, 296 (1982)	42.60	Suchy K.	Altman C.	B 26, 147-153 (1981)	42.10
Sources J.M.	Seka W.	B 28, 290 (1982)	50.00	Sudarkin A.N.	Golberg S.M.	B 31, 85-88 (1983)	82.50
Sowada U.	Marowsky G.	B 39, 47-53 (1986)	42.65	Sudbo A.	Zacharias H.	B 28, 113-114 (1982)	33.00
Speakman S.P.	Speakman S.P.	A 35, 99-102 (1984)	61.80	Sudbo A.S.	Sudbo A.S.	B 29, 155 (1982)	42.55
Spear W.E.	Snell A.J.	A 26, 83-86 (1981)	85.30	Suetaka W.	Hatta A.	A 29, 71-75 (1982)	78.00
Spear W.E.	Snell A.J.	A 34, 175-178 (1984)	61.40	Suetaka W.	Hatta A.	A 35, 135-140 (1984)	68.00
Spear W.E.	Mackenzie K.D.	A 31, 87-92 (1983)	61.40	Sugai S.	Harris J.H.	B 28, 252 (1982)	78.00
Speidel S.	Speidel S.	A 28, 35-43 (1982)	75.80	Sugita K.	Sugita K.	B 36, 111-113 (1985)	82.50
Speiser S.	Speiser S.	B 38, 191-197 (1985)	35.00	Suhr H.	Englert M.	B 28, 81-82 (1982)	42.65
Spieweck F.	Spieweck F.	B 29, 223-226 (1982)	32.70	Suh S.Y.	Dautartas M.F.	A 36, 71-79 (1985)	42.30
Spieweck F.	Spieweck F.	B 29, 99-100 (1982)	06.20	Sujatha N.	Sujatha N.	A 32, 55-61 (1983)	68.10
Spijkier J.van	Abramski K.M.	B 36, 149-153 (1985)	42.55	Sumida D.	Sumida D.	B 28, 222-223 (1982)	82.50
Spiridonov V.P.	Ischenko A.A.	B 32, 161-163 (1983)	82.20	Sundaram K.B.	Sundaram K.B.	A 34, 117-121 (1984)	68.55
Spitzer A.	Ritz A.	A 34, 31-33 (1984)	68.45	Sundström V.	Sundström V.	B 31, 235-247 (1983)	42.60
Spohr R.	Albrecht D.	A 37, 37-46 (1985)	61.80	Süsse K.-E.	Süsse K.-E.	B 37, 99-106 (1985)	42.55
Srinivasan T.	Srinivasan T.	B 28, 198-199 (1982)	42.60	Suzuki K.	Yokoyama A.	B 38, 99-105 (1985)	33.80
Staa P. van	Kassing R.	A 34, 41-47 (1984)	71.20	Suzuki T.	Suzuki T.	B 39, 247-250 (1986)	07.00
Stachel M.	Stachel M.	A 30, 27-32 (1983)	76.00	Suzuki T.	Taira Y.	B 27, 161-165 (1982)	07.45
Staerk H.	Staerk H.	B 30, 153-156 (1983)	07.62	Suzuki Y.	Hatta A.	A 35, 135-140 (1984)	68.00
Stagni L.	Treichel R.	B 31, 15-17 (1983)	35.00	Suzuki Y.	Arisawa T.	B 28, 73-76 (1982)	35.00
Stagno V.	Stagni L.	A 30, 217-221 (1983)	61.70	Svanberg S.	Montan S.	B 38, 241-247 (1985)	07.60
Stahlberg B.	Boscolo I.	B 37, 229-232 (1985)	42.60	Svanberg S.	Alden M.	B 29, 93-97 (1982)	33.00
Stahlberg B.	Baev V.M.	B 28, 289 (1982)	42.55	Swain J.E.	Siekhaus W.J.	B 28, 142-143 (1982)	42.65
Stamenov K.V.	Lindberg M.	B 28, 259-260 (1982)	42.80	Swanepoel R.	Krimmel E.F.	A 38, 109-115 (1985)	82.50
Stamenov K.V.	Koprnikov I.G.	B 33, 235-238 (1984)	42.55	Swanson L.W.	Kang N.K.	A 30, 95-104 (1983)	41.80
Stamm U.	Dimov S.S.	B 30, 35-40 (1983)	42.65	Swanson L.W.	Kingham D.R.	A 34, 123-132 (1984)	79.70
Stankov K.A.	Kaschke M.	B 39, 183-186 (1986)	42.55	Svenberg C.E.	Svenberg C.E.	B 28, 240-241 (1982)	87.00
Stankov K.A.	Saltiel S.M.	B 40, 25-27 (1986)	42.80	Swiatkowski W.	Debowska M.	A 36, 47-49 (1985)	78.70
Stankov K.A.	Stankov K.A.	B 40, 103-105 (1986)	42.60	Syms R.R.A.	Syms R.R.A.	B 30, 177-182 (1983)	42.30
Stankov K.A.	Saltiel S.M.	B 35, 45-48 (1984)	42.80	Syms R.R.A.	Syms R.R.A.	B 32, 165-173 (1983)	42.30
Stankov K.A.	Koprnikov I.G.	B 33, 235-238 (1984)	42.55	Syms R.R.A.	Slinger C.W.	B 36, 217-224 (1985)	42.40
Stanley R.J.	Stanley R.J.	B 32, 35-38 (1983)	33.80	Syrus V.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00
Staple R.P.van	Smir P.H.	A 28, 113-117 (1982)	76.80	Szabo G.	Szabo G.	B 34, 145-147 (1984)	42.55
Starkov V.N.	Kukhtarev N.V.	A 33, 227-230 (1984)	42.40	Szabo G.	Szabo G.	B 31, 1-4 (1983)	42.60

Szaro L.	Szaro L.	A 29, 201-207 (1982)	73.00	Teodorescu V.	Lucuta P.G.	A 37, 237-242 (1985)	61.10
Szatmari S.	Szatmari S.	B 34, 29-31 (1984)	42.60	Teodorescu V.	Cojocaru E.	A 26, 243-246 (1981)	61.80
Szatmari S.	Szatmari S.	B 33, 95-98 (1984)	42.60	Teodorescu V.S.	Ursu I.	A 29, 209-212 (1982)	81.60
Szatmari S.	Szatmari S.	B 33, 219-223 (1984)	42.60	Terhune R.W.	Weber W.H.	B 28, 301-303 (1982)	32.00
Szatmari S.	Bor Zs.	B 32, 101-104 (1983)	42.10	Thalhammer M.	Thalhammer M.	B 32, 137-143 (1983)	42.65
Szatmari S.	Schäfer F.P.	B 32, 123-125 (1983)	42.60	Thielemann P.	Thielemann P.	A 28, 53-58 (1982)	75.70
Szczerbakow A.	Karczewski G.	A 29, 49-52 (1982)	78.20	Thomann H.	Eyett M.	A 40, 235-239 (1986)	81.30
Szeto L.	Mollenauer L.F.	B 28, 306-307 (1982)	42.70	Thomas J.O.	Farrington G.C.	A 32, 159-161 (1983)	66.30
Szil E.	Ursu I.	A 35, 103-108 (1984)	61.80	Thomas S.	Thomas S.	A 33, 247-250 (1984)	71.35
Szoke A.	Bakos J.S.	A 37, 247-249 (1985)	42.65	Thomas S.J.	Figueira J.F.	B 28, 267 (1982)	78.00
Szörenyi T.	Harrach R.J.	B 28, 296 (1982)	42.60	Thompson L.J.	Averback R.S.	B 36, 59-64 (1986)	61.80
Szörenyi T.	Szörenyi T.	A 39, 251-255 (1986)	61.80	Tiemann E.	Wolf U.	B 39, 35-42 (1986)	35.80
Szymonski M.	Bunkin N.F.	A 40, 159-162 (1986)	66.30	Timchenko B.A.	Chebotaev V.P.	B 36, 59-61 (1985)	42.60
Szymonski M.	Szymonski M.	A 28, 175-178 (1982)	79.20	Timchenko B.A.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60
Szymonski M.	Sigmund P.	A 34, 247 (1984)	79.20	Timofeev V.P.	Kiyashko V.A.	B 30, 157-159 (1983)	42.65
Szymonski M.	Sigmund P.	A 33, 141-152 (1984)	79.20	Timofeev V.P.	Kiyashko V.A.	B 36, 53-54 (1985)	42.65
Sanchez-Avedillo M.	Roman E.	A 35, 35-40 (1984)	81.60	Timofeev V.P.	Makarov N.P.	B 30, 53-55 (1983)	42.65
Tabin J.	Tabin J.	B 31, 225-228 (1983)	41.00	Timpmann K.	Aaviksoo J.	B 37, 213-217 (1985)	42.55
Tachikawa M.	Tachikawa M.	B 39, 83-90 (1986)	42.55	Tittel F.K.	Tittel F.K.	B 29, 148 (1982)	42.55
Tacke M.	Tacke M.	A 28, 229-233 (1982)	77.00	Tittel F.K.	Tittel F.K.	B 28, 126 (1982)	42.60
Taghizadeh M.R.	Harrison R.G.	B 28, 237-238 (1982)	42.55	Tittel F.K.	Marowsky G.	B 37, 205-207 (1985)	42.55
Taglauer E.	Taglauer E.	A 38, 161-170 (1985)	68.20	Tittel F.K.	Nachshon Y.	B 35, 227-231 (1984)	42.55
Taguchi T.	Mima K.	B 29, 158 (1982)	42.55	Tittel F.K.	Pfeiffer J.	B 28, 119-120 (1982)	33.00
Taira T.	Iyoda M.	B 28, 285-286 (1982)	42.55	Tkhek-de I.	Bolotskikh L.T.	B 35, 249-252 (1984)	42.65
Taira Y.	Taira Y.	B 27, 161-165 (1982)	07.45	Toda K.	Toda K.	A 33, 231-233 (1984)	78.20
Takagi M.	Soeya T.	A 27, 125-127 (1982)	78.55	Toda K.	Morita S.	A 39, 109-114 (1986)	72.40
Takahashi T.	Takahashi T.	A 26, 179-184 (1981)	72.20	Toda K.	Morita S.	A 38, 103-107 (1985)	72.40
Takai N.	Takai N.	B 26, 185-192 (1981)	42.10	Todorov T.	Morita S.	A 36, 131-137 (1985)	68.55
Takai N.	Ambar H.	B 38, 71-78 (1985)	42.20	Toedorescu V.S.	Todorov T.	B 32, 93-95 (1983)	07.65
Takami M.	Mizugai Y.	B 32, 43-47 (1983)	33.20	Tokarev V.N.	Ursu I.	A 40, 227-233 (1986)	42.70
Takamura J.	Shirai Y.	A 37, 65-72 (1985)	61.70	Tokarev V.N.	Ursu I.	B 29, 187-188 (1982)	52.00
Takato N.	Tate A.	A 38, 221-226 (1985)	68.75	Tominaga T.	Ursu I.	A 29, 209-212 (1982)	81.60
Takeuchi K.	Takeuchi K.	B 33, 83-90 (1984)	82.50	Tominaga T.	Tom H.W.K.	B 28, 247 (1982)	42.65
Takeuchi K.	Takeuchi K.	B 37, 67-72 (1985)	82.50	Tominaga T.	Makide Y.	B 28, 341-348 (1982)	82.50
Takeuchi K.	Makide Y.	B 28, 341-348 (1982)	82.50	Tomlinson W.J.	Makide Y.	B 32, 33-34 (1983)	82.50
Takeuchi K.	Makide Y.	B 32, 33-34 (1983)	82.50	Tomlinson W.J.	Smith P.W.	B 28, 138-139 (1982)	42.65
Takubo Y.	Takubo Y.	B 27, 141-144 (1982)	42.65	Tomova N.	Fork R.L.	B 29, 176 (1982)	42.60
Takuma H.	Shimizu F.	B 28, 297-298 (1982)	32.00	Tonchev S.	Todorov T.	B 32, 93-95 (1983)	07.65
Talja R.	Hansen H.E.	A 36, 81-92 (1985)	78.70	Tonchev S.	Mashev L.	B 28, 349-353 (1982)	42.80
Tallat A.	Berre M.L.E.	B 29, 179-180 (1982)	33.00	Tonchev S.	Mashev L.	A 26, 143-149 (1981)	42.80
Tam A.C.	Bjorklund G.C.	B 28, 299-300 (1982)	32.00	Tonchev S.	Savatnova I.	A 31, 187-190 (1983)	42.82
Tamada H.	Kaneko M.	A 38, 281-284 (1985)	78.20	Tondello G.	Savatnova I.	A 36, 113-116 (1985)	42.82
Tamburrini M.	Bertolotti M.	A 37, 109-116 (1985)	79.20	Tonelli M.	Nicolosi P.	B 26, 117-124 (1981)	52.75
Tamura M.	Tamura M.	A 39, 183-190 (1986)	61.70	Tong F.-M.	Lieto A.D.	B 27, 1-3 (1982)	33.20
Tan T.Y.	Gösele U.	A 28, 79-92 (1982)	61.70	Topolsky J.	Cao W.-L.	B 28, 213-214 (1982)	85.60
Tan T.Y.	Tan T.Y.	A 31, 97-108 (1983)	61.70	Topoukhanian A.	Hansen H.E.	A 26, 35-38 (1981)	78.70
Tan T.Y.	Tan T.Y.	A 37, 1-17 (1985)	61.70	Törting T.	Wellgehausen B.	B 28, 195-196 (1982)	07.65
Tanaka K.	Tanaka K.	B 28, 291 (1982)	50.00	Torstenstson J.R.	Ernst W.E.	B 28, 222 (1982)	82.50
Tanaka K.	Goldman L.M.	B 28, 292 (1982)	50.00	Tosa V.	Gell Y.	B 27, 15-18 (1982)	41.00
Tanaka K.	Seka W.	B 28, 290 (1982)	50.00	Toschev P.E.	Tosa V.	B 36, 55-57 (1985)	33.00
Tanaka K.	Kurosawa T.	B 34, 49-53 (1984)	42.65	Toschev P.E.	Zhang D.Z.	B 28, 195 (1982)	07.65
Tanaka N.	Saito N.	A 38, 37-43 (1985)	73.60	Tosello C.	Baev V.M.	B 28, 289 (1982)	42.55
Tanaka N.	Saito N.	A 35, 214-247 (1984)	72.40	Tosheva T.	Gratton L.M.	A 36, 139-141 (1985)	61.80
Tanaka S.	Saiki K.	A 27, 263-268 (1982)	61.80	Toulemonde M.	Borisov M.	A 40, 219-225 (1986)	61.70
Tanaka T.	Kitagawa M.	A 26, 151-156 (1981)	78.60	Toulemonde M.	Toulemonde M.	A 36, 31-36 (1985)	65.00
Tang C.L.	Halbout J.-M.	B 28, 144-145 (1982)	42.65	Toyoda K.	Tashiro H.	B 34, 37-41 (1984)	42.55
Tang X.	James J.V.	B 28, 90-91 (1982)	42.65	Träger F.	Gawlik W.	B 28, 84-85 (1982)	42.65
Tang Y.-s.	Wen J.-k.	A 29, 195-198 (1982)	78.20	Träger F.	Karner C.	B 38, 19-21 (1985)	68.00
Tanji K.	Tachikawa M.	B 39, 83-90 (1986)	42.55	Tratt D.M.	Kar A.K.	B 29, 145-146 (1982)	42.55
Taoufik A.	Lang B.	A 39, 95-99 (1986)	61.80	Trautmann N.	Peuser P.	B 38, 249-253 (1985)	32.00
Tapfer L.	Stolz W.	A 38, 97-102 (1985)	68.55	Trautmann N.	Ruster W.	B 30, 83-86 (1983)	07.65
Taran J.-P.	Attal B.	B 28, 221-222 (1982)	82.50	Trautmann N.	Krönert U.	B 38, 65-70 (1985)	42.80
Tarnowska E.	Jaworska D.	A 35, 119-124 (1984)	61.70	Trebino R.	Trebino R.	B 28, 250 (1982)	42.80
Tarumi K.	Tarumi K.	A 28, 235-240 (1982)	02.50	Treichel R.	Treichel R.	B 31, 15-17 (1983)	35.00
Tashiro H.	Tashiro H.	B 34, 37-41 (1984)	42.55	Trestikova V.	Voves J.	A 37, 225-229 (1985)	61.70
Tashiro H.	Midorikawa K.	B 38, 185-189 (1985)	42.55	Tribelsky M.I.	Golberg S.M.	B 31, 85-88 (1983)	82.50
Tashiro H.	Takeuchi K.	B 37, 67-72 (1985)	82.50	Triftshäuser W.	Triftshäuser W.	A 28, 179-187 (1982)	78.70
Tate A.	Tate A.	A 38, 221-226 (1985)	68.55	Triglia A.	Anino A.	A 35, 115-118 (1984)	78.20
Tavares A.D.	Brito Cruz C.H.	B 35, 131-133 (1984)	42.55	Triglia A.	Barbarino S.	A 29, 77-80 (1982)	78.20
Tavares Jr A.D.	Tavares Jr A.D.	B 38, 259-262 (1985)	42.60	Tromsdorff H.P.	Tromsdorff H.P.	B 28, 147-148 (1982)	42.65
Taylor H.F.	Dandridge A.	B 28, 216-217 (1982)	85.60	Trtica M.	Trtica M.	B 30, 29-33 (1983)	42.55
Taylor J.R.	Sibbett W.	B 29, 191-193 (1982)	42.55	Trtica M.	Trtica M.	B 37, 87-91 (1985)	42.55
Taylor J.R.	Gomes A.S.L.	B 39, 43-46 (1986)	42.10	Trumpy G.	Pagh B.	A 33, 255-263 (1984)	78.70
Taylor J.R.	May P.G.	B 26, 179-183 (1981)	42.55	Truschel U.	Langbein U.	B 38, 263-268 (1985)	42.82
Taylor R.S.	Taylor R.S.	B 26, 31-32 (1981)	42.55	Truschel U.	Langbein U.	B 36, 187-193 (1985)	42.82
Taylor R.S.	Taylor R.S.	B 38, 131-137 (1985)	42.55	Tsang W.T.	Tsang W.T.	B 28, 212-213 (1982)	85.60
Taylor R.S.	Corkum P.B.	B 28, 248 (1982)	42.55	Tsang W.T.	Miller D.A.B.	B 28, 96-97 (1982)	42.65
Taylor R.S.	Shields H.	B 31, 27-35 (1983)	52.00	Tsao J.Y.	Simpson T.B.	B 28, 181-182 (1982)	82.50
Taylor S.E.	Taylor S.E.	A 39, 91-94 (1986)	85.60	Tsao J.Y.	Ehrlich D.J.	B 29, 183-184 (1982)	42.80
Tchutko L.S.	Abakumov G.A.	B 27, 57-61 (1982)	33.00	Tsot A.A.	Brudny V.N.	A 29, 219-223 (1982)	61.80
Tejada J.	Isalgue A.	A 39, 221-225 (1986)	75.30	Tsonev L.	Tsonev L.	B 34, 93-96 (1984)	42.80
Telegin L.I.	Saltiel S.M.	B 40, 25-27 (1986)	42.80	Tsukakoshi M.	Tsukakoshi M.	B 35, 135-140 (1984)	87.00
Telle H.R.	Telle H.R.	B 34, 43-48 (1984)	35.80	Tsuruoka F.	Tsuruoka F.	A 36, 125-130 (1985)	62.00
Telle H.R.	Laubereau A.	B 34, 23-28 (1984)	35.80	Tumaikin A.N.	Kazantsev A.P.	B 27, 83-91 (1982)	42.65
Telle H.R.	Telle H.R.	B 35, 195-198 (1984)	42.55	Turcu E.	Ursu I.	A 29, 209-212 (1982)	81.60
Temps F.	Temps F.	B 29, 13-14 (1982)	42.55	Turner A.F.	Shakir S.A.	A 29, 151-155 (1982)	02.00
Tenhover M.	Tenhover M.	A 26, 59-62 (1981)	76.00	Turos A.	Turos A.	A 28, 99-102 (1982)	61.70
Tenne R.	Tenne R.	B 35, 243-247 (1984)	61.70	Tzanetakis P.	Hautojärvi P.	A 27, 49-56 (1982)	61.70
Tenne R.	Tenne R.	A 37, 205-209 (1985)	61.70				

Uehara K.	Uehara K.	B 38, 37-40 (1985)	42.60	Wagner D.	Bäuerle D.	A 30, 147-149 (1983)	81.15
Uesugi F.	Yokoyama H.	A 37, 25-30 (1985)	81.10	Wagner H.	Ibach H.	A 29, 113-124 (1982)	68.20
Ullivi L.	Arecchi F.T.	B 28, 163-164 (1982)	42.50	Wagner H.Gg.	Temps F.	B 29, 13-14 (1982)	42.55
Ulybin V.A.	Chebotayev V.P.	B 31, 249-252 (1983)	32.00	Wagner P.	Wünstel K.	A 27, 251-256 (1982)	71.55
Umazu K.	Shimizu F.	B 28, 297-298 (1982)	32.00	Wagner P.	Liang P.H.	A 26, 39-43 (1981)	81.10
Umstead M.E.	Umstead M.E.	B 39, 61-63 (1986)	82.30	Wagner P.	Wünstel K.	A 27, 207-212 (1982)	71.55
Umstead M.E.	Umstead M.E.	B 39, 55-59 (1986)	82.30	Wagner S.	Schaefer H.-E.	A 40, 145-149 (1986)	71.60
Umstead M.E.	Umstead M.E.	B 38, 219-224 (1985)	82.30	Wallace S.	Wallace S.	B 28, 278-279 (1982)	36.00
Unamuno S.	Toulemonde M.	A 36, 31-36 (1985)	65.00	Wallenstein R.	Hilbig R.	B 28, 202-203 (1982)	42.60
Unsold E.	Schneckenburger H.	A 26, 23-26 (1981)	87.60	Waller G.	Gradmann U.	A 39, 101-108 (1986)	75.30
Unternahrer J.	Eggleston J.M.	B 28, 236 (1982)	42.70	Waller I.M.	Waller I.M.	B 32, 75-78 (1983)	33.00
Urban W.	Lin T.X.	B 26, 73-76 (1981)	42.55	Wallin S.	Alden M.	B 33, 205-208 (1984)	33.00
Urban W.	Adams H.	B 34, 179-185 (1984)	07.00	Wallmeroth K.	Krönert U.	B 38, 65-70 (1985)	42.80
Urban W.	Hinz A.	B 36, 1-4 (1985)	33.00	Walls D.F.	Walls D.F.	B 28, 101 (1982)	42.65
Urban W.	Pfeiffer J.	B 26, 173-177 (1981)	32.00	Walls D.F.	Walls D.F.	B 28, 108 (1982)	42.50
Urban W.	Rohrbeck W.	B 31, 139-144 (1983)	33.00	Walls D.F.	Milburn G.J.	B 28, 109-110 (1982)	42.50
Urbassek M.	Urbassek M.	A 35, 19-25 (1984)	68.45	Walpita L.M.	Betts R.A.	A 31, 29-35 (1983)	42.80
Ursu I.	Ursu I.	B 29, 187-188 (1982)	52.00	Walsh C.J.	Baldis H.A.	B 28, 293-294 (1982)	52.00
Ursu I.	Ursu I.	A 29, 209-212 (1982)	81.60	Walter W.	Walter W.	B 35, 11-15 (1984)	42.55
Ursu I.	Ursu I.	A 35, 103-108 (1984)	61.80	Walter W.	Schätzlein E.	B 27, 49-55 (1982)	42.55
Ursu I.	Ursu I.	A 34, 133-138 (1984)	78.40	Walter W.	Tittel F.K.	B 29, 148 (1982)	42.55
Ursu I.	Ursu I.	A 40, 227-233 (1986)	42.70	Walther H.	Frankel F.	B 28, 265 (1982)	78.00
Ushizaka T.	Ushizaka T.	B 39, 97-106 (1986)	42.30	Walther H.	Daniel H.-U.	B 26, 19-21 (1981)	06.30
Ushizaka T.	Aizu Y.	B 36, 155-161 (1985)	42.10	Walther H.	Dinev S.G.	B 28, 128 (1982)	42.60
Usuda K.	Kajiyama K.	B 38, 139-142 (1985)	81.15	Walther H.	Leuchs G.	B 28, 87 (1982)	42.65
Uzel Y.	Uzel Y.	A 30, 185-187 (1983)	85.25	Walther H.	Werner J.	B 32, 113-118 (1983)	42.60
Uzel Y.	Krause N.	A 30, 67-71 (1983)	85.25	Walther H.	Schrepp W.	B 32, 207-209 (1983)	78.20
				Walther H.	Stumpe R.	B 34, 203-206 (1984)	78.20
Vabischevich M.G.	Ischenko A.A.	B 32, 161-163 (1983)	82.20	Walz F.	Walz F.	A 34, 57-65 (1984)	77.00
Valeanu M.	Burzo E.	A 35, 79-85 (1984)	75.30	Wan C.	Wan C.	B 35, 123-126 (1984)	42.50
Valentini J.J.	Moore D.S.	B 28, 219-220 (1982)	82.50	Wan C.-y.	Alimiev S.S.	B 35, 1-5 (1984)	82.50
Valkahtti J.	Valkahtti S.	A 35, 51-59 (1984)	61.80	Wang C.C.	Wang C.C.	B 28, 116 (1982)	33.00
Valkahtti S.	Valkahtti S.	A 32, 95-106 (1983)	61.80	Wang C.C.	James J.V.	B 28, 90-91 (1982)	42.65
Varelas C.	Hou M.	B 33, 121-131 (1984)	79.20	Wang C.Y.	Diels J.-C.	B 28, 172-173 (1982)	42.60
Varro S.	Bergou J.	B 28, 105 (1982)	42.50	Wang D.-S.	Wang D.-S.	B 29, 185 (1982)	42.80
Vasil'eva M.A.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00	Wang F.	Svenberg C.E.	B 28, 240-241 (1982)	87.00
Vasilenko L.S.	Belyayev M.V.	B 26, 67-72 (1981)	42.65	Wang H.-f.	Wen J.-k.	A 29, 195-198 (1982)	78.20
Vasilifu F.	Lucuta P.G.	A 37, 237-242 (1985)	61.10	Wang N.	Wang N.	B 40, 43-47 (1986)	42.65
Vass A.	Vass A.	B 29, 131-134 (1982)	42.55	Wang S.-y.	Gu Z.-y.	B 31, 157-161 (1983)	42.55
Vass A.	Vass A.	B 27, 187-190 (1982)	42.55	Wang W.	Wang Y.	A 30, 123-126 (1983)	61.70
Vass A.	Pidgeon C.R.	B 28, 288-289 (1982)	42.55	Wang W.-C.	Diels J.-C.	B 26, 105-110 (1981)	42.65
Vateva E.	Pashmakov B.	A 37, 243-246 (1985)	68.20	Wang W.S.	Hwu J.G.	A 40, 41-46 (1986)	73.40
Vaucamps G.	Pouligny B.	B 28, 178-179 (1982)	42.60	Wang Y.	Wang Y.	A 30, 123-126 (1983)	61.70
Vedel M.	Vedel M.	B 34, 229-235 (1984)	07.75	Wang Y.	Wang Y.	A 35, 109-114 (1984)	61.70
Veeken K.	Veeken K.	B 34, 149-159 (1984)	34.50	Wang Y.-l.	Chang Y.-J.	A 36, 221-227 (1985)	61.10
Veeken K.	Veeken K.	B 38, 117-124 (1985)	33.70	Wang Z.G.	Wang Z.G.	B 37, 233-238 (1985)	42.55
Veen J.van der	Kivits P.	A 26, 101-105 (1981)	42.30	Ward H.	Drever R.W.P.	B 31, 97-105 (1983)	06.00
Vehanen A.	Vehanen A.	A 32, 163-167 (1983)	78.70	Wartatz J.	Raffel B.	B 37, 189-195 (1985)	82.50
Vehanen A.	Vehanen A.	A 36, 97-101 (1985)	78.70	Warta W.	Warta W.	A 36, 163-170 (1985)	72.80
Vehanen A.	Hautojärvi P.	A 27, 49-56 (1982)	61.70	Wartmann G.	Linde D.von der	B 29, 182 (1982)	42.80
Vehrenkamp R.	Harowsky G.	B 39, 47-53 (1986)	42.65	Washio K.	Yokoyama H.	A 37, 25-30 (1985)	81.10
Veitko V.P.	Gerassimov R.B.	B 28, 266 (1982)	82.00	Watanabe K.	Sawada R.	A 31, 109-114 (1983)	61.70
Veitman A.de	Bender H.	A 39, 83-90 (1986)	61.50	Watanabe K.	Iyoda M.	B 28, 285-286 (1982)	42.55
Veighe M.F.	Robinson K.E.	B 36, 41-52 (1985)	42.55	Watanabe M.	Schmiedl E.	A 35, 13-17 (1984)	73.60
Venghaus H.	Venghaus H.	A 34, 13-17 (1984)	78.55	Wautetel M.	Laude L.D.	A 40, 133-143 (1986)	86.84
Venkateswaran K.	Jean Y.C.	A 35, 169-176 (1984)	78.70	Wautetel M.	Failly-Lovato M.	A 29, 163-168 (1982)	72.40
Veprek S.	Braun M.	A 28, 25-33 (1982)	68.00	Wawrzyniak Z.M.	Strawinski L.	A 40, 247-251 (1986)	81.40
Vicent P.	Vicent P.	A 31, 51-54 (1983)	41.00	Waynant R.W.	Waynant R.W.	B 28, 205 (1982)	42.60
Vieira N.	Mollenauer L.F.	B 28, 306-307 (1982)	42.70	Wazen P.	Wazen P.	B 32, 105-111 (1983)	42.55
Vielhaber W.	Frenkel F.	B 28, 265 (1982)	78.00	Weber E.R.	Sauer R.	A 36, 1-13 (1985)	78.55
Vikram C.S.	Vikram C.S.	B 33, 149-153 (1984)	42.40	Weber E.R.	Stolwijk N.A.	A 39, 37-48 (1986)	61.70
Vikram C.S.	Vikram C.S.	B 40, 99-102 (1986)	42.40	Weber E.R.	Weber E.R.	A 30, 1-22 (1983)	61.70
Vikram C.S.	Vikram C.S.	B 31, 221-224 (1983)	07.60	Weber E.R.	Conzelmann H.	A 30, 169-175 (1983)	61.70
Vilaseca R.	Vilaseca R.	B 34, 73-82 (1984)	42.65	Weber E.W.	Weber E.W.	B 32, 63-73 (1983)	52.70
Vilaseca R.	Roso L.	B 31, 115-129 (1983)	42.50	Weber H.	Gu Z.-y.	B 31, 157-161 (1983)	42.55
Villeneuve D.M.	Richardson M.C.	B 28, 296 (1982)	42.60	Weber H.P.	Henchoz P.-D.	B 38, 165-169 (1985)	34.00
Vishchakas J.	Vasil'eva M.A.	B 37, 41-45 (1985)	33.00	Weber H.P.	Rytz-Froidevaux Y.	A 27, 133-138 (1982)	68.55
Vitali G.	Vitali G.	A 30, 161-167 (1983)	61.70	Weber H.P.	Schmiele R.	B 29, 201-203 (1982)	42.55
Vitali G.	Vitali G.	A 35, 233-239 (1984)	61.70	Weber J.	Sauer R.	A 36, 1-13 (1985)	78.55
Vogler K.	Kaschke M.	B 39, 183-186 (1986)	42.55	Weber K.-H.	Niemax K.	B 36, 177-180 (1985)	32.20
Voigtlaender K.	Voigtlaender K.	A 39, 31-36 (1986)	68.55	Weber W.H.	Weber W.H.	B 28, 301-303 (1982)	32.00
Volkov A.Yu.	Bakanov D.G.	B 28, 288 (1982)	42.55	Wedell R.	Wedell R.	A 35, 91-97 (1984)	79.20
Vollmer H.D.	Breymayer H.-J.	B 28, 335-339 (1982)	72.20	Weickanmeier H.	Castell R.	B 38, 1-10 (1985)	07.60
Vollmer J.	Vollmer J.	A 32, 125-127 (1983)	42.80	Weidner F.	Herrmann J.	B 26, 197-202 (1981)	42.55
Vollmer M.	Gawlik W.	B 28, 84-85 (1982)	42.65	Weidner F.	Herrmann J.	B 27, 105-113 (1982)	42.55
Voorst J.D.W.van	Langelaar J.	B 28, 274-275 (1982)	42.80	Weidner F.	Süsse K.-E.	B 37, 99-106 (1985)	42.55
Vorob'ev N.	Gierulski A.	B 36, 133-135 (1985)	42.65	Weil H.	Senior T.B.A.	B 29, 117-124 (1982)	78.30
Vorobiev S.A.	Brudnyi V.N.	A 29, 219-223 (1982)	61.80	Weimann G.	Weimann G.	A 37, 139-143 (1985)	68.55
Voves J.	Voves J.	A 37, 225-229 (1985)	61.70	Weimann G.	Kuchar F.	A 33, 83-85 (1984)	73.60
Vrbova M.	Hribek P.	B 29, 177 (1982)	42.60	Weis R.S.	Weis R.S.	A 37, 191-203 (1985)	78.20
Vriens L.	Broer D.J.	A 32, 107-123 (1983)	42.30	Weiss C.O.	Weiss C.O.	B 27, 167-168 (1982)	42.60
Vujkovic Cvijin P.	Mendas I.	B 39, 195-200 (1986)	42.60	Weiss C.O.	Weiss C.O.	B 35, 199-200 (1984)	42.60
Vysotin A.L.	Bolotskikh L.T.	B 35, 249-252 (1984)	42.65	Weiss C.O.	Weiss C.O.	B 34, 63-67 (1984)	06.00
				Weitekamp D.P.	Weitekamp D.P.	B 29, 178-179 (1982)	42.65
Wabnitz H.	Schubert D.	B 28, 179 (1982)	42.60	Weitz D.A.	Weitz D.A.	B 28, 230 (1982)	68.00
Wachs A.	Lynn K.G.	A 29, 93-98 (1982)	78.70	Welford D.	Welford D.	B 28, 214-216 (1982)	85.60
Wagendristel A.	Semerad E.	A 26, 247-253 (1981)	61.10	Welge K.H.	Zacharias H.	B 28, 115-116 (1982)	33.00
Wagendristel A.	Schattschneider P.	A 31, 81-86 (1983)	61.10	Wellegehausen B.	Wellegehausen B.	B 28, 195-196 (1982)	07.65
Wagh A.G.	Bhattacharya P.K.	A 39, 147-153 (1986)	79.20	Wellegehausen B.	Shahdin S.	B 29, 195-200 (1982)	42.55
Wagner D.	Wagner D.	A 35, 9-12 (1984)	72.20	Wellegehausen B.	Ludewig K.	B 33, 133-139 (1984)	33.80

Wellegehausen B.	Krökel D.	B 37, 137-140 (1985)	42.55	Wokaun A.	Wokaun A.	B 28, 230-231 (1982)	68.00
Wellegehausen B.	Jones P.L.	B 28, 196 (1982)	07.65	Wolff P.A.	Yuen S.Y.	B 28, 98 (1982)	42.65
Weller A.	Treichel R.	B 31, 15-17 (1983)	35.00	Wolfrum J.	Dreier T.	B 29, 31-36 (1982)	42.65
Weller A.	Staerk H.	B 30, 153-156 (1983)	07.62	Wolfrum J.	Kleinermanns K.	B 33, 213-218 (1984)	35.00
Wellhausen U.	Dreier T.	B 29, 31-36 (1982)	42.65	Wolfrum J.	Raffel B.	B 34, 5-9 (1984)	34.00
Welling H.	Wellegehausen B.	B 28, 195-196 (1982)	07.65	Wolfrum J.	Wolf U.	B 37, 189-195 (1985)	82.50
Wells J.S.	Pollock C.R.	B 29, 153 (1982)	42.80	Wolf U.	Bergman R.C.	B 39, 35-42 (1986)	35.80
Welzenis R.G.van	Welzenis R.G.van	A 30, 151-160 (1983)	72.20	Wolk G.	Won J.W.	B 28, 188-189 (1982)	82.50
Welzenis R.G.van	Alberga G.E.	A 27, 107-120 (1982)	72.20	Wondrak W.	Langfeld R.	B 31, 5-8 (1983)	42.55
Welzenis R.G.van	Devreese J.T.	A 29, 125-132 (1982)	72.20	Wondrazek F.	Wondrazek F.	A 33, 251-254 (1984)	61.70
Welzenis R.G.van	Welzenis R.G.van	A 26, 157-163 (1981)	72.20	Wonneberger W.	Bremayer H.-J.	B 32, 39-42 (1983)	42.60
Wen J.-k.	Wen J.-k.	A 29, 195-198 (1982)	78.20	Wood II O.R.	Silvast W.T.	B 28, 335-339 (1982)	72.20
Wendt H.R.	Whittaker E.A.	B 35, 105-111 (1984)	07.65	Wood R.A.	B 29, 147 (1982)	B 29, 147 (1982)	42.55
Wen J.-k.	Wen J.-k.	A 29, 195-198 (1982)	78.20	Woods C.L.	Vass A.	B 27, 187-190 (1982)	42.55
Weppner W.	Sitte, W.	A 38, 31-36 (1985)	64.70	Woodall J.M.	Woods C.L.	A 40, 177-182 (1986)	61.10
Werning W.	Werner J.	B 32, 113-118 (1983)	42.60	Wosinski T.	Hoffmann H.J.	A 33, 243-245 (1984)	73.40
Werth G.	Eyett M.	A 40, 235-239 (1986)	81.30	Wosinski T.	Wosinski T.	A 30, 233-235 (1983)	61.70
Werth G.	Gräff G.	A 33, 59-62 (1984)	29.25	Wosinski T.	Wosinski T.	A 36, 213-216 (1985)	61.70
Werth G.	Vedel M.	B 34, 229-235 (1984)	07.75	Wosinski T.	Figielski T.	A 38, 253-261 (1985)	61.70
Wessel J.	Countandin J.	B 29, 89-92 (1982)	07.65	Wüste L.	Broyer M.	B 35, 31-36 (1984)	42.60
Wesson J.C.	Wessel J.	B 28, 227 (1982)	82.50	Wright E.M.	Delacretaz G.	B 29, 55-61 (1982)	36.00
Wetting W.	Abraham N.B.	B 28, 169 (1982)	42.50	Wright E.M.	Firth W.J.	B 28, 131-132 (1982)	42.65
Wetting W.	Wetting W.	A 26, 19-22 (1981)	76.50	Wright E.M.	Firth W.J.	B 28, 170 (1982)	42.50
Wetting W.	Rupp G.	A 40, 191-195 (1986)	61.70	Wrobel W.G.	Heckenberg N.R.	B 29, 67-72 (1982)	42.55
Wetting W.	Jantz W.	A 37, 73-82 (1985)	75.00	Wu C.K.	Wyatt R.	B 27, 175-176 (1982)	42.65
Wexler B.L.	Wexler B.L.	A 30, 109-115 (1983)	62.20	Wu C.Y.R.	Wu C.K.	B 29, 175 (1982)	42.65
Wherrett B.S.	Smirl A.L.	B 28, 159-160 (1982)	42.65	Wu S.T.	Chen J.K.	B 33, 155-160 (1984)	42.60
Wherrett B.S.	Stryland E.W.van	B 28, 95-96 (1982)	42.65	Wuilleumier F.	Yu F.T.S.	B 27, 99-104 (1982)	42.30
Whinnery J.R.	Buck J.A.	B 29, 159-160 (1982)	42.10	Wünstel K.	Picque J.L.	B 28, 89 (1982)	42.65
Whittaker T.J.	Cannon B.D.	B 28, 157 (1982)	42.65	Wünstel K.	Wünstel K.	A 27, 207-212 (1982)	71.55
White J.C.	White J.C.	B 38, 57-64 (1985)	06.00	Wünstel K.	Wünstel K.	A 27, 251-256 (1982)	71.55
White J.C.	White J.C.	B 28, 124 (1982)	42.60	Wünstel K.	Segura A.	A 31, 139-145 (1983)	71.55
White J.C.	White J.C.	B 28, 124 (1982)	42.60	Wünstel K.	Künzel H.	A 28, 167-173 (1982)	68.55
White J.C.	White J.C.	B 28, 125 (1982)	42.60	Wünstel K.	Keller W.	A 31, 9-12 (1983)	61.70
White J.C.	Bucksbaum P.H.	B 28, 128 (1982)	42.60	Würschum R.	Schaefer H.-E.	A 40, 145-149 (1986)	71.60
White J.C.	Fischer B.	B 28, 162 (1982)	42.65	Wyatt R.	Wyatt R.	B 27, 175-176 (1982)	42.65
Whitehouse S.B.	Whitehouse S.B.	A 26, 27-33 (1981)	82.65	Wynne J.J.	Jackson D.J.	B 29, 166 (1982)	32.00
Whiteley S.	Xie L.Z.	B 28, 232 (1982)	78.00	Wynne J.J.	Jackson D.J.	B 28, 238 (1982)	42.80
Whitford B.G.	Whitford B.G.	B 35, 119-122 (1984)	06.00	Wyslocki B.	Plusa D.	A 40, 167-170 (1986)	75.50
Whitlow H.J.	Besenbacher F.	A 29, 141-145 (1982)	61.80	Wyslocki J.J.	Plusa D.	A 40, 167-170 (1986)	75.50
Whittaker E.A.	Whittaker E.A.	B 28, 275-276 (1982)	42.80	Xia H.R.	Wang Z.G.	B 37, 233-238 (1985)	42.55
Whittaker E.A.	Whittaker E.A.	B 35, 105-111 (1984)	07.65	Xie L.Z.	Xie L.Z.	B 28, 232 (1982)	78.00
Whitton J.A.	Carter G.	A 38, 77-95 (1985)	79.20	Xiong G.	Xiong G.	B 29, 156 (1982)	42.80
Wickert K.	Castell R.	B 38, 1-10 (1985)	07.60	Xiong L.Y.	Couillaud B.	B 29, 143-144 (1982)	42.60
Wiedmann J.	Penzkofer A.	B 26, 239-242 (1981)	42.55	Xu Y.-g.	Xu Z.-z.	B 28, 294-295 (1982)	32.50
Wiegmann W.	Gibbs H.M.	B 29, 171-172 (1982)	42.80	Xu Yan	Zhang Linyang	B 39, 117-129 (1986)	33.80
Wiesma D.A.	Weitekamp D.P.	B 29, 178-179 (1982)	42.65	Xu Z.-z.	Xu Z.-z.	B 28, 294-295 (1982)	32.50
Wierchowski W.	Hansen H.E.	A 27, 247-250 (1982)	78.70	Yaakobi B.	Richardson M.C.	B 28, 296 (1982)	42.60
Wijers C.	Wijers C.	B 27, 5-8 (1982)	78.20	Yaakobi B.	Keck R.L.	B 28, 290-291 (1982)	50.00
Wiles P.R.	Jones D.A.	B 27, 157-159 (1982)	42.65	Yabe T.	Yamanaka T.	B 28, 272-273 (1982)	51.00
Wilhelm H.E.	Wilhelm H.E.	B 31, 107-113 (1983)	41.10	Yajima T.	Ishida Y.	B 38, 159-163 (1985)	42.55
Wilhelm H.E.	Wilhelm H.E.	B 31, 173-177 (1983)	41.00	Yajima T.	Morita N.	B 28, 25-29 (1982)	42.65
Wilhelmi B.	Rudolph W.	B 35, 37-44 (1984)	42.55	Yajima T.	Morita N.	B 31, 63-67 (1983)	42.65
Wilhelmi B.	Herrmann J.	B 26, 197-202 (1981)	42.55	Yajima T.	Chebotaev V.P.	B 36, 167-169 (1985)	32.00
Wilhelmi B.	Schubert D.	B 28, 179 (1982)	42.60	Yakovlev V.P.	Yamabayashi N.	B 26, 33-36 (1981)	42.55
Wilhelmsen H.	Gell Y.	B 27, 15-18 (1982)	41.00	Yamabayashi N.	Tate A.	A 38, 221-226 (1985)	68.55
Will J.M.	Will J.M.	A 31, 191-193 (1983)	63.20	Yamada T.	Kaneko M.	A 38, 281-284 (1985)	78.20
Willander M.	Willander M.	A 31, 45-49 (1983)	42.82	Yamada W.	Shirai Y.	A 37, 65-72 (1985)	61.70
Willenberg G.D.	Won J.W.	B 31, 5-8 (1983)	42.55	Yamaguchi S.	Yamaguchi S.	A 31, 183-185 (1983)	61.80
Willletts D.V.	Willletts D.V.	B 33, 91-93 (1984)	42.55	Yamaguchi T.	Saito N.	A 35, 214-247 (1984)	72.40
Williams E.	Goldman L.M.	B 28, 292 (1982)	50.00	Yamanaka C.	Yamanaka C.	B 28, 271 (1982)	52.00
Williams E.	Tanaka K.	B 28, 291 (1982)	50.00	Yamanaka C.	Yamanaka T.	B 28, 272-273 (1982)	51.00
Williams M.J.	Bergman R.C.	B 28, 188-189 (1982)	82.50	Yamanaka T.	Yamanaka T.	B 28, 272-273 (1982)	51.00
Williamson S.	Williamson S.	B 28, 249-250 (1982)	42.80	Yamanaka T.	Yamanaka C.	B 28, 271 (1982)	52.00
Williams R.A.	Tittel F.K.	B 28, 126 (1982)	42.60	Yamazaki H.	Ishikawa Y.	B 32, 85-92 (1983)	82.50
Williams R.T.	Royt T.R.	B 28, 210-211 (1982)	85.60	Yang M.	Yang M.	B 32, 127-135 (1983)	42.55
Willis C.	Gauthier M.	B 28, 43-50 (1982)	82.50	Yankov P.D.	Saltiel S.M.	B 40, 25-27 (1986)	42.80
Willis R.D.	Lehmann B.E.	B 28, 114 (1982)	33.00	Yao J.-q.	Yao J.-q.	B 30, 11-18 (1983)	42.65
Willson C.G.	Jain K.	B 28, 206-207 (1982)	42.60	Yao Y.C.	Yao Y.C.	B 40, 157-164 (1986)	42.55
Wilson Jr W.L.	Tittel F.K.	B 28, 126 (1982)	42.60	Yaraghi A.A.	Hamadani S.M.	B 29, 186 (1982)	42.60
Wilson Jr W.L.	Tittel F.K.	B 29, 148 (1982)	42.55	Yariv A.	Harder Ch.	B 28, 139-140 (1982)	42.65
Wilson T.	Wilson T.	B 32, 187-191 (1983)	42.80	Yariv A.	Koch T.L.	B 28, 217-218 (1982)	85.60
Wilson T.	Hamilton D.K.	B 27, 211-213 (1982)	06.00	Yariv Y.	Fischer B.	B 28, 162 (1982)	42.65
Wilson W.L.	Marowsky G.	B 37, 205-207 (1985)	42.55	Yaroslavtzev V.T.	Abakumov G.A.	B 28, 223 (1982)	82.50
Windscheif J.	Windscheif J.	A 30, 47-49 (1983)	78.60	Yaroslavtzev V.T.	Abakumov G.A.	B 27, 57-61 (1982)	33.00
Windscheif J.	Wetting W.	A 40, 191-195 (1986)	61.70	Yasa Z.A.	Yasa Z.A.	B 30, 135-142 (1983)	42.55
Winful H.	Diels J.-C.	B 26, 105-110 (1981)	42.65	Yee T.K.	Rotman S.R.	B 28, 319-326 (1982)	07.60
Winstrup N.I.	Poulsen O.	B 28, 90 (1982)	42.65	Yee T.K.	Fujimoto J.G.	B 34, 55-61 (1984)	42.65
Winter J.	Triftshäuser W.	A 28, 179-187 (1982)	78.70	Yen B.U.	Heimcke J.	B 28, 83-84 (1982)	42.65
Winterling G.	Müller G.	A 29, 63-68 (1982)	72.40	Yen R.	Yen R.	A 27, 153-160 (1982)	78.20
Winzer K.	Gruhl H.	B 38, 199-203 (1985)	42.80	Yen R.	Fork R.L.	B 29, 176 (1982)	42.60
Wißmann P.	Schmiedl E.	A 35, 13-17 (1984)	73.60	Yeryomenko A.A.	Bunkin F.V.	A 27, 117-119 (1985)	82.50
Wisoff P.J.K.	Wisoff P.J.K.	B 35, 65-69 (1984)	35.80	Yin G.-y.	Xu Z.-z.	B 28, 294-295 (1982)	32.50
Witkowski S.	Eidmann K.	B 28, 295 (1982)	42.60	Yli-Kauppi J.	Yli-Kauppi J.	A 27, 31-33 (1982)	61.40
Wittman W.J.	Abramski K.M.	B 36, 149-153 (1985)	42.55	Yli-Kauppi J.	Yli-Kauppi J.	A 27, 49-56 (1982)	61.70
Wittig C.	Sumida D.	B 28, 222-223 (1982)	82.50	Yokoyama A.	Yokoyama A.	B 38, 99-105 (1985)	33.80
Wittig C.	Reisler H.	B 28, 186 (1982)	82.50	Yokoyama H.	Yokoyama H.	A 37, 25-30 (1985)	81.70
Wittmaack K.	Wittmaack K.	A 38, 235-252 (1985)	07.75	Yoshida S.	Yoshida S.	A 35, 145-148 (1984)	85.30
Wittmann E.	Schmiedl E.	A 35, 13-17 (1984)	73.60				
Woerdman J.P.	Woerdman J.P.	B 28, 194 (1982)	07.65				

Yu F.T.S.	Yu F.T.S.	B 27, 99-104 (1982)	42.30	Zhang F.-G.	Schäfer F.P.	B 28, 37-41 (1982)	82.00
Yu F.T.S.	Zhuang S.L.	B 28, 359-366 (1982)	42.30	Zhang Linyang	Zhang Linyang	B 39, 117-129 (1986)	33.80
Yu F.T.S.	Yu F.T.S.	B 30, 23-27 (1983)	42.80	Zhang S.-y.	Zhang S.-y.	A 40, 119-122 (1986)	62.00
Yu F.T.S.	Yu F.T.S.	B 32, 1-6 (1983)	42.30	Zhang W.	Liang P.	B 28, 144 (1982)	42.65
Yu J.-j.	Xu Z.-z.	B 28, 294-295 (1982)	32.50	Zhang Y.-y.	Xu Z.-z.	B 28, 294-295 (1982)	32.50
Yu M.L.	Grishchowsky D.	B 28, 193-194 (1982)	07.65	Zhang Y.W.	Yu F.T.S.	B 30, 23-27 (1983)	42.80
Yu S.-q.	Rocca J.J.	B 28, 239 (1982)	42.55	Zhang Yunwu	Zhang Linyang	B 39, 117-129 (1986)	33.80
Yuan Peng	Zhang Linyang	B 39, 117-129 (1986)	33.80	Zhang Z.	Wang Y.	A 35, 109-114 (1984)	61.70
Yuan W.-b.	Zhang S.-y.	A 40, 119-122 (1986)	62.00	Zhang Z.G.	Yao Y.C.	B 40, 157-164 (1986)	42.55
Yuen H.P.	Yuen H.P.	B 28, 110-111 (1982)	42.50	Zhao J.-n.	Wen J.-k.	A 29, 195-198 (1982)	78.20
Yuen S.Y.	Yuen S.Y.	B 28, 98 (1982)	42.65	Zhao Zhensheng	Diegelmann M.	B 40, 49-58 (1986)	42.55
Yulin Li	Yulin Li	B 39, 107-110 (1986)	42.65	Zharikov E.V.	Struve B.	B 30, 117-120 (1983)	42.55
Yun S.I.	Yun S.I.	B 40, 95-98 (1986)	42.68	Zharikov Y.V.	Struve B.	B 28, 235-236 (1982)	42.70
Yurov G.V.	Kiyashko V.A.	B 30, 157-159 (1983)	42.65	Zharikov Y.V.	Beimowski A.	B 28, 234-235 (1982)	42.70
				Zharikov Y.V.	Pruss D.	B 28, 355-358 (1982)	42.55
Zacharias H.	Zacharias H.	B 28, 113-114 (1982)	33.00	Zheludev N.I.	Avanesyan S.M.	A 40, 163-166 (1986)	78.20
Zacharias H.	Zacharias H.	B 28, 115-116 (1982)	33.00	Zheng C.-E.	Lin S.-C.	B 40, 15-23 (1986)	34.80
Zacharias H.	Atkins C.G.	B 29, 160 (1982)	35.00	Zheng X.Q.	Zhou B.L.	A 28, 223-227 (1982)	72.40
Zadkov V.N.	Zadkov V.N.	B 34, 167-170 (1984)	42.65	Zherikhin A.N.	Zherikhin A.N.	B 30, 47-52 (1983)	32.00
Zadkov V.N.	Puretzky A.A.	B 31, 89-96 (1983)	82.50	Zhou B.L.	Zhou B.L.	A 28, 223-227 (1982)	72.40
Zafer N.	Arshed M.	A 40, 129-132 (1986)	71.55	Zhou D.	Wang C.C.	B 28, 116 (1982)	33.00
Zähringer K.	Reichert E.	A 29, 191-193 (1982)	79.60	Zhou G.	Yao J.-q.	B 30, 11-18 (1983)	42.65
Zakharyash V.F.	Chebotaev V.P.	B 36, 59-61 (1985)	42.60	Zhou J.	Wan C.	B 35, 123-126 (1984)	42.50
Zakharyash V.F.	Chebotaev V.P.	B 29, 63-65 (1982)	42.60	Zhou Xinming	Zhou Xinming	A 34, 167-173 (1984)	61.40
Zaki C.	Eichler H.J.	B 28, 136-137 (1982)	42.65	Zhu Quinshi	Francisco J.S.	B 28, 184-185 (1982)	82.50
Zaki L.	Ali G.AE-F.	A 39, 291-296 (1986)	72.40	Zhu S.-B.	Lin S.-C.	B 40, 15-23 (1986)	34.80
Zammit U.	Vitali G.	A 30, 161-167 (1983)	61.70	Zhu X.-h.	Zhu X.-h.	B 26, 227-229 (1981)	42.60
Zammit U.	Vitali G.	A 35, 233-239 (1984)	61.70	Zhu X.-h.	Zhu X.-h.	B 29, 111-115 (1982)	42.60
Zampetti P.	Broglia M.	B 39, 73-76 (1986)	42.60	Zhu X.-h.	Zhu X.-h.	B 29, 291-292 (1982)	42.55
Zapka W.	Bjorklund G.C.	B 28, 299-300 (1982)	32.00	Zhu Y.	Marowsky G.	B 37, 205-207 (1985)	42.55
Zare R.N.	Marinero E.E.	B 28, 114-115 (1982)	33.00	Zhuang S.L.	Zhuang S.L.	B 28, 359-366 (1982)	42.30
Zartov G.D.	Zartov G.D.	B 39, 111-115 (1986)	42.10	Zhuang S.L.	Yu F.T.S.	B 27, 99-104 (1982)	42.30
Zavada J.M.	Mentzer M.A.	A 32, 19-25 (1983)	61.80	Zhuang S.L.	Yu F.T.S.	B 30, 23-27 (1983)	42.80
Zavattini E.	Iacopini E.	A 32, 63-67 (1983)	42.80	Zhuang S.L.	Khoo I.C.	B 28, 140-141 (1982)	42.65
Zavattini E.	Carusotto S.	B 36, 125-131 (1985)	42.80	Zinth W.	Zinth W.	B 26, 77-88 (1981)	33.00
Zeeuw W.C.de	Welzenis R.G.van	A 30, 151-160 (1983)	72.20	Zinth W.	Zinth W.	B 26, 213-216 (1981)	06.00
Zeeuw W.C.de	Alberga G.E.	A 27, 107-120 (1982)	72.20	Zitter R.N.	Zitter R.N.	B 30, 19-21 (1983)	82.50
Zeit D.	Hinz A.	B 36, 1-4 (1985)	33.00	Zitter R.N.	Zitter R.N.	B 30, 79-81 (1983)	82.50
Zen M.	Bassi D.	B 26, 99-103 (1981)	34.50	Zmuidzinas J.S.	Zmuidzinas J.S.	B 28, 107-108 (1982)	42.50
Zenteno L.A.	Zenteno L.A.	B 40, 141-146 (1986)	42.60	Znotins T.A.	Brimacombe R.K.	B 36, 115-124 (1985)	42.55
Zerega Y.	Vedel M.	B 34, 229-235 (1984)	07.75	Zoller P.	Alber G.	B 28, 257 (1982)	36.10
Zevgolis D.	Heimcke J.	B 28, 83-84 (1982)	42.65	Zubairy M.S.	Becker W.	B 28, 150 (1982)	42.55
Zevgolis D.	Snyder J.J.	B 32, 25-31 (1983)	42.65	Zueva T.V.	Balykin V.I.	B 35, 149-153 (1984)	42.65
Zgurskii A.V.	Ischenko A.A.	B 32, 161-163 (1983)	82.20	Zundel T.	Zundel T.	A 40, 67-69 (1986)	66.30
Zhan J.-y.	Zhan J.-y.	A 34, 185-187 (1984)	65.50	Zutter D.de	Bladel J.van	B 34, 193-201 (1984)	41.00
Zhang D.Z.	Zhang D.Z.	B 28, 195 (1982)	07.65	Zwui S.	Zwui S.	A 39, 65-66 (1986)	61.70
Zhang F.-G.	Zhang F.-G.	B 26, 211-212 (1981)	42.70				

